Permit Compliance System
Generalized Retrieval Manual

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Preface

The Permit Compliance System (PCS) is a database management system that supports the NPDES regulations. The system is available to registered users in State and EPA Regions through the National Computer Center in North Carolina.

PCS ENVIRONMENT GENERALIZED RETRIEVAL is a retrieval package that runs in batch and provides reports on all data in PCS. This Manual gives complete information about how to use GENERALIZED RETRIEVAL to run all flexible format and fixed formats reports available in PCS. This includes preprinting DMR's and running the QNCR. In addition to the *Generalized Retrieval Manual*, the following manuals are available on the PCS system.

PCS Data Entry, Edit, and Update Manual - General Overview of PCS and detailed information on entering data into PCS. Includes documentation on PCS-ADE and PC-ENTRY.

Edit/Update Error Message Manual - Provides a brief explanation for each error message encountered during the edit or update of PCS, arranged by data type.

Inquiry User's Guide - Describes in detail the interactive retrieval software that provides online access to the PCS database.

Data Element Dictionary - Gives a detailed description of EACH type of data available in PCS, field by field.

PCS Codes and Descriptions - Provides a complete list of all of the code value tables used in PCS. Referenced by the *PCS Data Element Dictionary*.

PCS PC Personal Assistance Link (PAL) User's Guide - Provides information on the use of the personal computer to produce preformatted reports from PCS using only a few keystrokes on the microcomputer.

Restricted Information in PCS

Inspection Scheduling information and Referred Enforcement Action information is considered enforcement sensitive and cannot be displayed by the public.

Revision Code Description

The following table gives a description of the revision code used with each revision of the *PCS Generalized Manual.*

REVISION CODE	DATE	DOCUMENT NUMBER	DESCRIPTION
I	06/12/00	PCS-GR00-1.00	The field DMRR (DMR Received Date) and DMDL (DMR Days Late) has been added to the Dump Layout.

Table 0-1. Revision Summary

Contents

Figures

12

Tables

Chapter 1. Introduction

This document serves as the user's manual for the Generalized Retrieval subsystem which operates in a batch environment to produce retrievals from the Permit Compliance System (PCS) data. This section of the manual presents an overview of the PCS system, explains the security of the system, and provides an overview of this manual.

1.1 PCS System Overview

PCS is a computerized management information system for tracking permit, compliance, and enforcement status for the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act. It is designed to support the operational and manage- ment needs of Regional and State personnel as well as the Environmental Protection Agency's (EPA) Office of Water Enforcement and Permits (OWEP). One data base of permit information is maintained and is accessible through a network of user terminals across the country. PCS uses a data base management system (DBMS) that operates on IBM computer hardware at the National Computer Center (NCC), Research Triangle Park, North Carolina. PCS is comprised of four subsystems: Data Entry, Edit, and Update; Inquiry, Generalized Retrieval; and Special Processing.

1.2 PCS Security and Privacy

For all the subsystems, PCS information is protected from erroneous and unauthorized access. A profile of all PCS users is maintained within the system. Furthermore, PCS users are given restricted PCS access authority determined by the State or Region in which they work.

The PCS user authorization process begins by setting up a new account or by adding a user to an existing account for accessing the NCC-IBM System. The new user also requires ADABAS/CICS authorization. Authorization procedures are found in Section 3.1 of the *NCC - IBM User's Guide* revised as of January 1985.

Once a user has obtained a valid ID and account number to access the NCC-IBM System and is authorized to use ADABAS/CICS, the ID and account number need to be authorized for use in the PCS system. This can be done by contacting PCS User Support on FTS/202-475-8529.

1.3 Using the Manual

The *PCS Generalized Retrieval Manual* is designed to provide comprehensive instructions on how to obtain retrievals from PCS in a batch environment. This manual is intended for all PCS GENERALIZED RETRIEVAL subsystem users.

Chapter 1, "Introduction" provides an overview of the PCS system and security controls. Chapter 2, "Data Overview" on page 2-1 describes the PCS data and how it is organized in the DBMS. Chapter 3, "Flexible Format Reports" on page 3-1 provides an overview of the flexible format reports available from the Generalized Retrieval subsystem. Chapter 4, "Fixed Format Reports" on page 4-1 provides an overview of the fixed format reports available; while Chapter 5, "Report Creation and Processing" on page 5-1 provides instructions on how to process the retrieval. Finally, the appendices provide: PCS data element lists (Appendix A, "Data Element Lists" on page A-1); easy reference to the Generalized Retrieval commands (Appendix E, "Ready Reference Guide" on page E-1); retrieval error message descriptions (Appendix B, "Generalized Retrieval Error Messages" on page B-1); useful telephone numbers (Appendix C, "Telephone

Numbers" on page C-1); and file layouts (Appendix D, "Sequential File Extract - File Layout" on page D-1).

Chapter 2. Data Overview

PCS information is stored in a DBMS. This section of the manual will provide an explanation of the information available and of how the Generalized Retrieval subsystem user may view the organi- zation of the data. An understanding of the PCS DBMS will help in formulating retrievals that are meaningful.

2.1 Data in PCS

Simply stated, the PCS data base is an automated file of NPDES permits. At present, there are more than sixty-five thousand NPDES permits being tracked by the system. The information stored for each permit is grouped into several categories, or data types. Table 2-1 lists each data type and gives a description of the information found in each.

Within each data type, there are individual pieces of data called data elements. Detailed descriptions of each data element are found in the *PCS Data Element Dictionary*. Each element name has been given a retrieval abbreviation called an acronym. This acronym is four characters long and is used to access data through the Generalized Retrieval subsystem. Appendix A, "Data Element Lists" on page A-1 contains two lists of the acronyms for each data element within each data type. One list is sorted by the Quick Look, Milestone, and Quick File Extracts descriptive heading values (Quick Look, Milestone Reports and Quick File Extracts are discussed in 3.1, "Quick Look Report" on page 3-1 and -- Heading 'HMILSTN' unknown --) and the other is sorted by the data element name. In each list, the acronyms followed by a "D" are those acronyms for which a full description may be requested. For example, requesting STTE on a "Quick Look Report" line would print the State's postal abbreviation, whereas requesting STTED would print the State name. These lists serve as a ready reference when using the Generalized Retrieval subsystem.

DATA TYPE NAME	DESCRIPTION
COMPLIANCE SCHEDULE DATA - 10 data elements (2 user fields)	Information related to a schedule of milestone events that a permitted facility must accomplish in order to upgrade the quality of its effluent discharge when that has been established as a condition of the facility's being granted a permit. Compliance schedule data tracks the scheduled versus achieved dates for each milestone event and belongs to a logically-related family of data types that includes permit facility data and compliance schedule violation data.
COMPLIANCE SCHEDULE VIO- LATION DATA - 15 data elements (2 user fields)	Information related to violations of the compliance schedule where applicable to a facility, whether from failure to meet a milestone date or failure to submit required report data. Compliance violation data belongs to the family of logically-related data types that includes permit-facility data and compliance schedule data.
INSPECTION SCHEDULING DATA - 9 data elements	Information describing inspections that have been scheduled at a permitted facility, including the scheduled date for the inspection. The scheduled inspection type and inspector, are included as well. Scheduled Inspections are included with Inspections and Pretreatment PCI/AUDIT Information to make up a distinct family of logically-related data types. **Note:** Inspection Scheduling Data is unique in that it is not required to be present to enter the Inspection information. Inspection records that have a matching schedule record will be linked for retrieval purposes automatically. See the *PCS Data Entry, Edit, and Update User's Guide* for more information.

DATA TYPE NAME	DESCRIPTION
INSPECTION DATA - 13 data elements (2 user fields)	Information describing inspections that have been performed at a permitted facility, including the date of the inspection, the type of inspection and by whom it was performed, and relevant comments. Inspection data, Pretreatment Audit/PCI data, and permit facility data make up a distinct family of logically-related data types.
PRETREATMENT AUDIT/PCI DATA - 48 data elements (2 user fields)	Data related to Pretreatment Audits/PCI Inspections contain detailed information about Pretreatment that was gathered as part of the inspection. Inspection data, Pretreatment Audit/PCI data, and permit-facility data make up a distinct family of logically related data types.
ENFORCEMENT ACTION DATA - 27 data elements (no user fields)	Data related to enforcement actions that have been taken in response to violations of effluent parameter limits, non-receipt of DMRs, or compliance schedule milestones, including the events in violation and dates of occurrence, the type of enforcement action(s) and the dates they were taken, the current status of each action, etc. Enforcement action data and permit-facility data make up a distinct family of logically related data types.
EVIDENTIARY HEARING DATA - 5 data elements (2 user fields)	Data related to evidentiary hearings which are held when permittees wish to appeal or negotiate limits or compliance schedule requirements. Evidentiary hearing data and permit-facility data make up a distinct family of logically-related data types.
GRANT DATA - 3 data elements (no user fields)	Data related to the tracking and status of grants received by publicly owned treatment works (POTWs) to help finance construction undertaken to meet compliance schedule requirements. Grant data and permit-facility data together make up a distinct family of logically-related data types.
PERMIT FACILITY DATA - 105 data elements (10 user fields)	General descriptive information on each permitted facility (such as its name, address, classification and design flow rate). Permit-facility data elements occur once only in a facility's permit file; data elements of other types may occur more than once. Because it contains the basic information regarding a permit, permit-facility data is the one data type that belongs to all of the families of logically-related data types.
PIPE-SCHEDULE DATA - 35 data elements (2 user fields)	Detailed information describing each outfall within a permitted facility and the discharge monitoring requirements associated with each (such as effluent waste type(s), treatment type(s) and limit start and end dates-initial, interim, or final). Pipe-schedule-level data elements typically occur as many times in each permit file as there are outfalls within the facility. Pipe-schedule data belongs to a family of logically-related data types that includes permit-facility data, parameter-limits data and measurement-violation data.
PARAMETER-LIMITS DATA - 36 data elements (3 user fields)	Detailed information specifying the monitoring requirements associated with each outfall within a permitted facility (such as the monitoring location, the parameter to be monitored, the required frequency of analysis, the units in which the measurements are expressed, and the quantity and concentration limits for each parameter). Parameter-limits-level data elements typically occur as often for each outfall as there are parameters to be monitored at that outfall. Parameter-limits data belongs to a family of logically-related data types that includes permit-facility data, pipe-schedule data and measurement-violation data.

DATA TYPE NAME	DESCRIPTION
MEASUREMENT-VIOL DATA - 35 data elements (no user fields)	Detailed information on reported measurement values for effluent parameters including those that are in violation of established limits for the permit, the type of the violation, the reported number of excursions, the actual measurement values, and the percentage by which a measurement exceeds quantity and/or concentration limits. Measurement-violations limits data is at the same level as parameter-limits data and belongs to a family of logically-related data types that includes permit-facility data, pipe-schedule data and parameter-limits data.
PERMIT EVENTS DATA - 10 data elements (2 user fields)	Information tracking the events relating to the issuance of a permit, from initial receipt of the application for a permit through actual permit issuance. Permit-event data and permit-facility data together make up a distinct family of logically-related data types.
PRETREATMENT PERFORMANCE SUMMARY(PPS) DATA - 17 data elements (2 user fields)	Information gathered as part of the Pretreatment Annual Report is stored in this data type. PPS data and permit-facility together make up a distinct family of logically-related data types.

Table 2-1. PCS Data Types. Each data type in PCS is described along with the total number of data elements and the number of fields the users may use for region/specific needs.

2.2 Organization of PCS

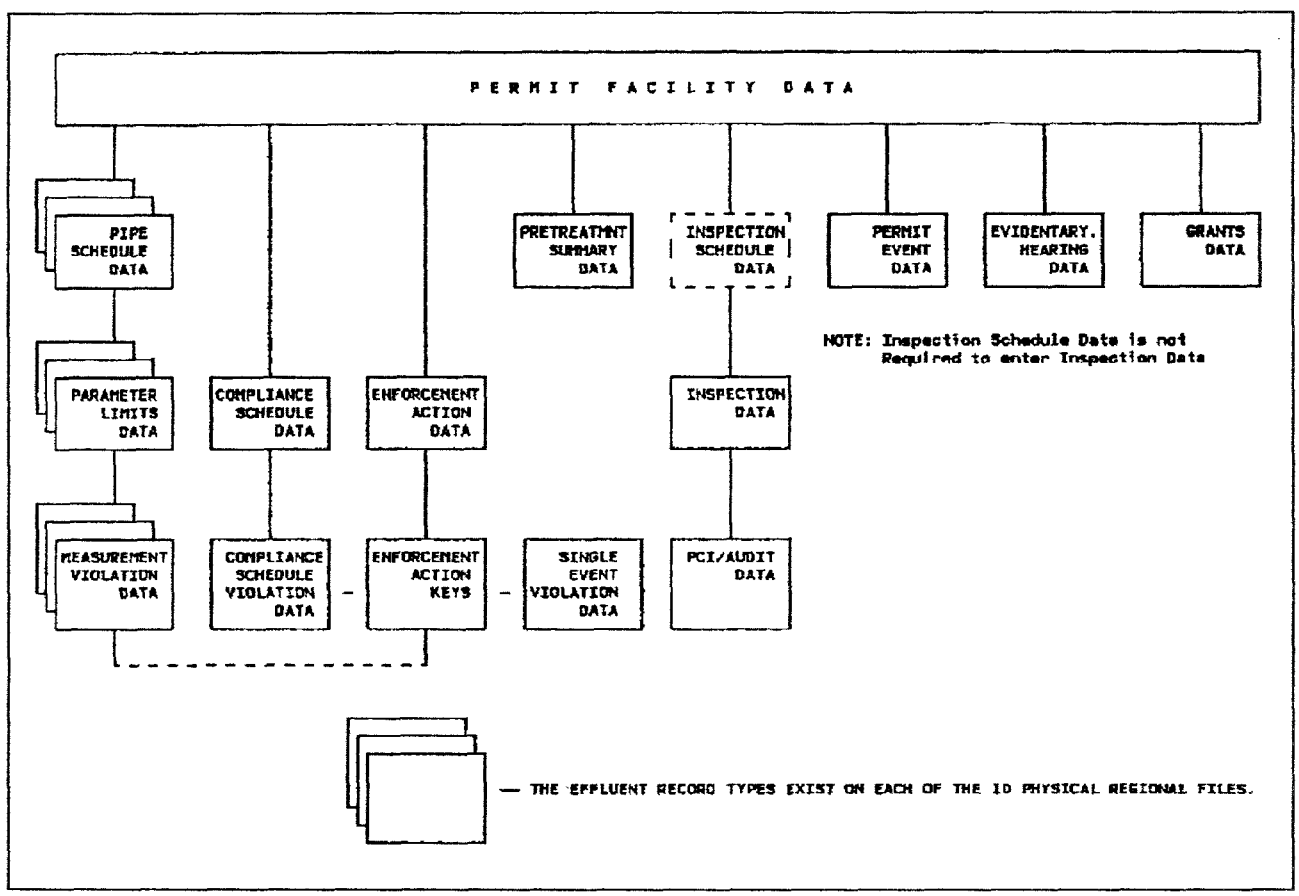

Figure 2-1. PCS Data Structure

Like any filing system, the PCS data base is organized in a specific way. Knowledge of the PCS data base organization will help in the retrieval of information. The organizational structure of PCS is based on eight data families. Each data family is composed of logically related data types. Figure 2-1 shows how the data types are related to each other. The solid lines that connect the data types show the families that are formed in PCS. As seen in the diagram, permit facility data is treated as a separate family in addition to being a member of all the PCS data families.

A lower level family member represents possible multiple sets of information which relate to one set of information in the level directly above it. For instance, the effluent family is the largest PCS family and includes the permit facility data, the pipe schedule data, the parameter limits data, and the measurement violation data. For each permitted facility, there may be many sets of pipe schedule information. Then, for each pipe schedule there may be many parameter limits. Likewise, for each parameter limit there may be many measurement violations.

This same concept applies to the other families as well. The compliance schedule family is made up of the permit facility data, the compliance schedule data, and the compliance schedule violation data. The remaining families have only one other member besides the permit facility data. Therefore, one permitted facility may have many enforcement actions, inspections, permit events, evidentiary hearing events or grants.

In Figure 2-1 on page 2-3 the dotted lines from the enforcement action data to the compliance schedule violation data and to the measurement violation data show that even though enforcement action data is not a true member of either family, there may be enforcement actions for a compliance schedule violation, a measurement violation, or a group of measurement violations as well as for a permitted facility.

Chapter 3. Flexible Format Reports

The data in PCS can be accessed by the Generalized Retrieval subsystem and processed into several types of products including flexible format and pre-formatted reports, mailing labels, preprinted forms, sequential file extracts on tape, and quick file extracts on direct storage disks. This section describes and illustrates the flexible format reports.

3.1 Quick Look Report

The ″Quick Look Report″ is the most widely used retrieval type because it provides the user with control over the contents and design of the report. It allows the user of the Generalized Retrieval subsystem to design reports that meet specialized information needs. There are two types of ″Quick Look Reports″ available to PCS users, the ″Cluster Quick Look Report″ and the ″Hierarchical Quick Look Report″. The two report types are described in the subsections below.

3.1.1 Cluster Quick Look Report

The ″Cluster Quick Look Report″ is a single or multi-line report type designed by the user which may contain data from any of the data families in PCS (Figure 2-1 on page 2-3 illustrates the family structure in PCS). It may be formatted as either a single family cluster report or a multi-family cluster report as described below.

3.1.1.1 Single Family Cluster Format

A ″Cluster Quick Look Report″ with a single family format contains information from the same data family on any line of the report. The report output is specified by the user. The rules applicable to a single family ″Cluster Quick Look Report are discussed in 3.1.4.1, "Cluster Quick Look Report" on page 3-30. Figure 3-1 illustrates the single family ″Cluster Quick Look Report″.

```
07/09/95                                                                                                  PAGE:        1
                                                 PCS SINGLE LINE QUICK LOOK REPORT
                                                    ARKANSAS ENFORCEMENT ACTIONS
QL ******************************************************************************************************************** QL
PERMIT NUMBER ENF CD                             ENF DATE ENF FILE NUM ENF STATUS CD              ENF STATUS DT
------------- ------------------------------ -------- ------------ ------------------------ -------------
AR0021920     WARNING LETTER                   01/15/88
AR0021920     WARNING LETTER                   06/16/88
AR0021920     WARNING LETTER                   06/30/88
AR0033642     WARNING LETTER                   11/24/87
AR0033642     WARNING LETTER                   03/22/88 84-045
AR0033642     PHONE CALL                       03/03/88 84-045
AR0033642     ADMINISTRATIVE ORDER             09/26/84 84-045
AR0035769     NO CURRENT ACTN WARRANTED        08/11/83
AR0035769     WARNING LETTER                   12/15/87 86-018
AR0035769     WARNING LETTER                   01/19/88
AR0035769     WARNING LETTER                   03/08/88 86-018
AR0035769     WARNING LETTER                   05/19/88
AR0035769     ADMINISTRATIVE ORDER             10/15/86 86-018
                                             SUB-TOTAL QUICK LOOK PRINT LINES:     13
```

Figure 3-1. Single Family Cluster Quick Look Report

3.1.1.2 Multi-Family Cluster Format

A ″Cluster Quick Look Report″ with a multi-family format contains information from two or more of the PCS data families. The report output is specified by the user. The rules applicable to a multi-family ″Cluster Quick Look Report″ are discussed in 3.1.4.1, "Cluster Quick Look Report" on page 3-30. Figure 3-2 on page 3-2 illustrates the multi-family ″Cluster Quick Look Report″.

```
07/09/88                                                                                                          PAGE:      1
                                                PCS MULTI-FAMILY CLUSTER QUICK LOOK REPORT
                                             COMPLIANCE SCHEDULE AND ENFORCEMENT ACTION INFORMATION
                                                  FOR FLORIDA MAJOR MUNICIPAL FACILITIES
QL ****************************************************************************************************************** QL
PERMIT NUMBER FACILITY NAME SHORT              SIC CODE TYP OWNER
------------- ------------------------------ -------- ---------
    PRIMARY STREET LINE 1          PRIMARY STREET LINE 2          PRIMARY MAILING CITY    PRIMARY MAIL ZIP
    ---------------------------- ------------------------------ ----------------------- ----------------
        CS NUM                              CS DATE  CS ACT DT
        ------------------------------ -------- ---------
            ENF CD                                ENF DATE ENF FILE NUM ENF STATUS CD             ENF STATUS CD
            ---------------------------- -------- ------------ ------------------------- -------------
FL0002631    BAY COUNTY WASTE TRTMNT-PANAMA 4952      PUB
    3400 TRANSMITTER RD                                           PANAMA CITY             32401
        309 (A) (5) (A)-INTERIM                   06/09/82
        309 (A) (5) (A)-INTERIM             01/03/84 12/28/83
        309 (A) (5) (A)-INTERIM             03/15/84 03/01/84
        309 (A) (5) (A)-INTERIM             06/15/84 06/15/84
        309 (A) (5) (A)-INTERIM             12/31/84 02/01/85
        309 (A) (5) (A)-INTERIM             01/03/84 12/28/83
        309 (A) (5) (A)-FINAL                     02/16/83
        309 (A) (5) (A)-MUNICIPALS                12/06/83
        309 (A) (5) (A)-MUNICIPALS          11/01/86 12/11/86
        309 (A) (5) (A)-MUNICIPALS          06/01/86 06/10/86
        309 (A) (5) (A)-MUNICIPALS          08/01/86 07/17/86
        309 (A) (5) (A)-MUNICIPALS          09/01/86 08/25/86
        309 (A) (5) (A)-MUNICIPALS          10/01/86 09/22/86
            ADMINISTRATIVE ORDER                12/06/83 84-037
FL0020109    WINTER GARDEN STP               4952      PUB
    PO BOX 1005                #MP#                               WINTER GARDEN           32787
        301 (I) (1)                         07/30/80 07/30/80
FL0020117    MARIANNA STP                    4952      PUB
    PO BOX 936                 #M #                               MARIANNA                32446
        309 (A) (5) (A)-MUNICIPALS                09/13/83
        309 (A) (5) (A)-MUNICIPALS          01/31/84 11/25/81
        309 (A) (5) (A)-MUNICIPALS          08/01/85 01/31/85
        309 (A) (5) (A)-MUNICIPALS          05/01/84 11/01/84
        309 (A) (5) (A)-MUNICIPALS          02/01/86 11/18/85
        309 (A) (5) (A)-MUNICIPALS          05/01/86 05/01/86
        309 (A) (5) (A)-MUNICIPALS          04/15/81 11/25/81
            309(A)(5)(A) ORDER                  09/13/83 83-209      CLOSED - BACK INTO COMPLI CL
FL0020133    NEW SMYRNA BEACH STP            4952      PUB
    P O BOX 519                                                   NEW SMYRNA ABEACH       32069
        SCHED ESTBLISHED BY CCP                   03/12/86
        SCHED ESTBLISHED BY CCP             05/15/86 05/07/86
            CCP SCHEDULE AO-EO                  03/12/86 86-141      CLOSED - BACK INTO COMPLI CL
FL0020141    SANFORD-MUNICIPAL WTP           4952      PUB
    PO BOX 1778                #M #                               SANFORD                 32771
        SCHED ESTBLISHED BY CCP                   10/01/87
```

Figure 3-2. Multi-Family Cluster Quick Look Report

3.1.2 Hierarchical Quick Look Report

The "Hierarchical Quick Look Report" is a report type used solely for the effluent family, the compliance schedule family, the inspection family and the enforcement action family to produce multi-line reports, in which the user specifies the data elements to be displayed. The "Hierarchical Quick Look Report" displays each of the data types in a data family on a separate line according to the hierarchical structure in PCS (Figure 2-1 on page 2-3 illustrates the family structure in PCS). It may be formatted as an effluent family hierarchical report, a compliance schedule hierarchical report, an inspection hierarchical report, or an enforcement action hierarchical report as described below.

3.1.2.1 Compliance Schedule Hierarchical Format

The compliance schedule family consists of two data types: compliance schedule family data and compliance schedule violations data. The compliance schedule "Hierarchical Quick Look Report" displays these two data types on separate lines in consecutive order. Any permit facility data is displayed on lines before the compliance schedule family data unless it is included on one of the compliance schedule family lines. Related information for the two data types is displayed together. For example, any violation of a particular compliance schedule is displayed following that compliance schedule. The rules applicable to a compliance

schedule "Hierarchical Quick Look Report" are discussed in 3.1.4.2, "Hierarchical Quick Look Report" on page 3-32. Figure 3-3 on page 3-3 illustrates the "Hierarchical Quick Look Report" for the compliance schedule family.

```
07/16/88                                                                                                              PAGE:      1
                                                   PCS HIERARCHICAL QUICK LOOK REPORT
                                                      COMPLIANCE SCHEDULE FAMILY
                                                  FOR FLORIDA MAJOR MUNICIPAL FACILITIES
QL ************************************************************************************************************************** QL
PERMIT NUMBER FACILITY NAME SHORT          SIC CODE TYP OWNER CITY CODE
------------- ---------------------------- -------- --------- ---------
    CS NUM CS NUM                          CS EVNT CD CS EVNT CD                     CS DATE  CS ACT DT
    ------ ------------------------------ ---------- --------------------------- -------- ---------
        CS VIO CD CS VIO CD                         CS VIO DT
        --------- ------------------------------ ---------
FL0002631     BAY COUNTY WASTE TRTMNT-PANAMA 4952     PUB       72600
    DA     309 (A) (5) (A)-INTERIM       00099       SCHEDULE DESCRIPTION                   06/09/82
    DA     309 (A) (5) (A)-INTERIM       01099       PRELIMINARY PLAN COMPLETED    01/03/84 12/28/83
    DA     309 (A) (5) (A)-INTERIM       01299       FINAL PLAN SUBMITTED          03/15/84 03/01/84
    DA     309 (A) (5) (A)-INTERIM       01599       FINAL PLAN COMPLETED          03/15/84 03/01/84
    DA     309 (A) (5) (A)-INTERIM       02599       FINANCING COMPLTE CONTR AWRD  06/15/84 06/15/84
    DA     309 (A) (5) (A)-INTERIM       04599       END CONSTRUCTION              12/31/84 02/01/85
        C20       ACHIEVED LATE VIOLATION          12/31/84
    DA     309 (A) (5) (A)-INTERIM       33099       REGIONAL RESERVED ITEM 1      01/03/84 12/28/83
    DB     309 (A) (5) (A)-FINAL         00099       SCHEDULE DESCRIPTION                   02/16/83
    DC     309 (A) (5) (A)-MUNICIPALS    00099       SCHEDULE DESCRIPTION                   12/06/83
    DC     309 (A) (5) (A)-MUNICIPALS    05599       OPERATIONAL LEVEL ATTAINED    11/01/86 12/11/86
        C20       ACHIEVED LATE VIOLATION          11/01/86
    DC     309 (A) (5) (A)-MUNICIPALS    33099       REGIONAL RESERVED ITEM 1      06/01/86 06/10/86
        C20       ACHIEVED LATE VIOLATION          06/01/86
    DC     309 (A) (5) (A)-MUNICIPALS    33199       REGIONAL RESERVED ITEM 2      08/01/86 07/17/86
    DC     309 (A) (5) (A)-MUNICIPALS    33299       REGIONAL RESERVED ITEM 3      09/01/86 08/25/86
    DC     309 (A) (5) (A)-MUNICIPALS    33399       REGIONAL RESERVED ITEM 4      10/01/86 09/22/86
FL0020109     WINTER GARDEN STP              4952     PUB       96450
    AA     301 (I) (1)                   06199       MUNICIPAL CONN COMPLETE CONN  07/30/80 07/30/80
FL0020117     MARIANNA STP                   4952     PUB       56850
    DC     309 (A) (5) (A)-MUNICIPALS    00099       SCHEDULE DESCRIPTION                   09/13/83
    DC     309 (A) (5) (A)-MUNICIPALS    00199       1ST REPORT OF PROGRESS        01/31/84 11/25/81
    DC     309 (A) (5) (A)-MUNICIPALS    00299       2ND REPORT OF PROGRESS        08/01/85 01/31/85
    DC     309 (A) (5) (A)-MUNICIPALS    03099       BEGIN CONSTRUCTION            05/01/84 11/01/84
        C20       ACHIEVED LATE VIOLATION          05/01/84
    DC     309 (A) (5) (A)-MUNICIPALS    04599       END CONSTRUCTION              02/01/86 11/18/85
    DC     309 (A) (5) (A)-MUNICIPALS    05599       OPERATIONAL LEVEL ATTAINED    05/01/86 05/01/86
    DC     309 (A) (5) (A)-MUNICIPALS    34099       SUBMIT STUDY PLAN             04/15/81 11/25/81
        C20       ACHIEVED LATE VIOLATION          04/15/81
FL0020133     NEW SMYRNA BEACH STP           4952     PUB       64050
    CC     SCHED ESTBLISHED BY CCP       00099       SCHEDULE DESCRIPTION                   03/12/86
    CC     SCHED ESTBLISHED BY CCP       03099       BEGIN CONSTRUCTION            05/15/86 05/07/86
    CC     SCHED ESTBLISHED BY CCP       04599       END CONSTRUCTION              06/15/86 07/01/86
        C20       ACHIEVED LATE VIOLATION          06/15/86
    CC     SCHED ESTBLISHED BY CCP       05599       OPERATIONAL LEVEL ATTAINED    07/15/86 07/14/86
FL0020141     SANFORD-MUNICIPAL WTP          4952     PUB       83550
    CC     SCHED ESTBLISHED BY CCP       05699       FINAL COMPLIANCE W/EFF LIMITS          10/01/87
    MC     ENF SCH FOR MUN COMP STRATGY  00099       SCHEDULE DESCRIPTION                   08/10/87
```

Figure 3-3. Hierarchical Quick Look Report for the Compliance Family

3.1.2.2 Effluent Hierarchical Format

The effluent data family consists of three data types; pipe schedule data, parameter limits data, and measurement/violations data. An effluent family "Hierarchical Quick Look Report" displays at least two of these data types on separate lines in consecutive order. Any permit facility data is displayed on lines before the effluent family data unless it is included in one of the effluent family lines. Related information for each of the different data types is displayed together. For example, any measurement/ violation data for a particular parameter limit is displayed following that parameter and any parameter limits data associated with a specific pipe is displayed following that pipe. The rules applicable to an effluent "Hierarchical Quick Look Report" are discussed in 3.1.4.2, "Hierarchical Quick Look Report" on page 3-32. Figure 3-4 on page 3-4 illustrates the effluent family "Hierarchical Quick Look Report".

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07/16/88                                                                                                    PAGE:      1
                                                PCS HIERARCHICAL QUICK LOOK REPORT
                                                         EFFLUENT FAMILY
                                                FOR FLORIDA FEDERAL MAJOR FACILITIES
QL ****************************************************************************************************************** QL
PERMIT NUMBER FACILITY NAME SHORT            SIC CODE TYP OWNER CITY CODE
------------- ---------------------------- -------- --------- ---------
    DISCH/RPT DESIG PIPE DESCRIPTION
    -------------- ------------------------------
        PARAMETER DESCRIPTION SHORT   CONC AVG LIM CONC MAX LIM CONC UNIT CD MOD STRT DT MOD END DT
        ---------------------------- ------------ ------------ ------------ ----------- ----------
            MEAS VIO DT MEAS CONC AVG VIO PCT CONC AVG MEAS CONC MAX VIO PCT CONC MAX
            ----------- ------------ --------------- ------------ ---------------
FL0000922   USN NS MAYPORT                9711      FED      57750
    0011        SANITARY WASTEWATER
        BOD, 5-DAY               (20 D    30.0         45.0      19            08/01/86     08/12/91
            08/31/86                 0                        0
            09/30/86       11.5      0                        0
            10/31/86                 0                        0
            11/30/86        5.2      0                        0
            12/31/86      15.09      0                        0
            01/31/87                 0                        0
            02/28/87                 0                        0
            03/31/87                 0                        0
            04/30/87       12.2      0             14.2       0
            05/31/87                 0                        0
            06/30/87        9.4      0                        0
            07/31/87                 0                        0
            08/31/87       8.67      0                        0
            09/30/87       6.21      0                        0
            10/31/87                 0                        0
            11/30/87                 0                        0
            12/31/87       9.67      0                        0
            01/31/88         13      0                        0
            02/29/88         10      0                        0
            03/31/88      14.25      0                        0
            04/30/88                 0                        0
        PH                                         8.5       12            08/01/86     08/12/91
            08/31/86                 0                        0
            09/30/86                 0              7.2       0
            10/31/86                 0                        0
            11/30/86                 0                        0
            12/31/86                 0                        0
            01/31/87                 0                        0
            02/28/87                 0                        0
            03/31/87                 0                        0
            04/30/87                 0              7.5       0
            05/31/87                 0                        0
            06/30/87                 0                        0
            07/31/87                 0                        0
```

Figure 3-4. Hierarchical Quick Look Report for the Effluent Family

3.1.2.3 Inspection Hierarchical Format

The inspection family consists of three data types: inspection scheduling data, inspection data, and PCI/Audit data. The inspection "Hierarchical Quick Look Report" displays these three data types on separate lines in consecutive order. Any permit facility data is displayed on lines before the inspection family lines. Related information for the three data types is displayed together. For example, inspection data is displayed after inspection scheduling data and PCI/Audit is displayed after inspection data. The rules applicable to an inspection "Hierarchical Quick Look Report" are discussed in 3.1.4.2, "Hierarchical Quick Look Report" on page 3-32. Figure 3-5 on page 3-5 illustrates the inspection family "Hierarchical Quick Look Report".

```
03/01/90                                                                                                    PAGE:       1
                                                            INSPECTION TRACKING
                                                                MULTI-LINE
QL ******************************************************************************************************************** QL
NPID      FNMS                            MADI
--------- ------------------------------- ----
SDTI     STYP SINS SIDT     SIQR ISC1
-------- ---- ---- -------- ---- -------------------------------------------------
     DTIN     TYPI BIOM INSP POHR ICN3
     -------- ---- ---- ---- ---- ----
          DTIA     IATY SIUS CIUS
          -------- ---- ---- ----

HI0020109 HONOLULU, C & C OF            M
         A    R    03/01/90 390
         E    R    03/01/90 390
         S    R    03/01/90 390
         2    R    03/31/90 390
         3    R    03/31/90 390
         4    R    03/31/90 390
         5    R    06/30/90 490
         6    R    06/30/90 490
         7    R    06/30/90 490  TESTING
HI0020117 HONOLULU, C & C OF            M

                                                  TOTAL QUICK LOOK PRINT LINES:             11
```

Figure 3-5. Hierarchical Quick Look Report for the Inspection Family

3.1.2.4 Enforcement Action Hierarchical Format

The enforcement action family consists of two data types: enforcement action data and enforcement act key data. The enforcement action "Hierarchical Quick Look Report" displays these two data types on separate lines in consective order. Any permit facility data is displayed on lines before the enforcement action family data unless it is included on one of the enforcement action family lines. Related information for the two data types is displayed together. For example, the key data which ties an enforcement action to an effluent, compliance schedule, or single event violation is displayed following that enforcement action. The rules applicable to an enforcement action "Hierarchical Quick Look Report" are discussed in 3.1.4.2, "Hierarchical Quick Look Report" on page 3-32. Figure 3-6 on page 3-6 illustrates the enforcement action family "Hierarchical Quick Look Report".

```
07/16/88                                                                                                      PAGE:        1
                                                   PCS HIERARCHICAL QUICK LOOK REPORT
                                                       ENFORCEMENT ACTION FAMILY
                                                  FOR FLORIDA MAJOR MUNICIPAL FACILITIES
QL ************************************************************************************************************************ QL
PERMIT NUMBER FACILITY NAME SHORT            SIC CODE TYP OWNER CITY CODE
------------- ---------------------------- -------- --------- ---------
    ENF CD ENF CD                            ENF DATE ENF STATUS CD ENF STATUS CD              ENF STATUS DT
    ------ ------------------------------ -------- ------------ ------------------------- -------------
        ENF KEY VIOL TYPE ENF KEY VIOL TYPE
        ----------------- -------------------------------------
FL0002631    BAY COUNTY WASTE TRTMNT-PANAMA 4952     PUB       72600
    21     ADMINISTRATIVE ORDER             12/06/83
        E1                 ALL EFFLUENT VIOS FOR PERMIT
FL0020109    WINTER GARDEN STP               4952     PUB       96450
FL0020117    MARIANNA STP                    4952     PUB       56850
    23     309(A)(5)(A) ORDER              09/13/83 CL          CLOSED - BACK INTO COMPLI 07/15/86
        E1                 ALL EFFLUENT VIOS FOR PERMIT
FL0020133    NEW SMYRNA BEACH STP            4952     PUB       64050
    62     CCP SCHEDULE AO-EO              03/12/86 CL          CLOSED - BACK INTO COMPLI 09/30/86
        E1                 ALL EFFLUENT VIOS FOR PERMIT
FL0020141    SANFORD-MUNICIPAL WTP           4952     PUB       83550
    56     MCP SCHEDULE AO-EO              08/10/87 CL          CLOSED - BACK INTO COMPLI 12/08/87
        E1                 ALL EFFLUENT VIOS FOR PERMIT
FL0020206    PORT ST. JOE                    4952     PUB       77400
    33     UNDER REVIEW BY EPA HQ          09/25/87 AE          ADMINISTRATIVE EXTENSION  06/30/88
        E1                 ALL EFFLUENT VIOS FOR PERMIT
    60     CCP REQUIRED AO-EO              05/29/85 CL          CLOSED - BACK INTO COMPLI 09/27/85
        E1                 ALL EFFLUENT VIOS FOR PERMIT
    60     CCP REQUIRED AO-EO              05/31/86 NC          NONCOMPLIANCE             06/12/86
        E1                 ALL EFFLUENT VIOS FOR PERMIT
FL0020231    JAX BEACH STP                   4952     PUB       43800
    56     MCP SCHEDULE AO-EO              06/29/84 CL          CLOSED - BACK INTO COMPLI 12/08/87
        E1                 ALL EFFLUENT VIOS FOR PERMIT
FL0020273    DADE CITY STP                   4952     PUB       20250
    23     309(A)(5)(A) ORDER              01/31/84 CL          CLOSED - BACK INTO COMPLI 12/30/87
        E1                 ALL EFFLUENT VIOS FOR PERMIT
    60     CCP REQUIRED AO-EO              03/17/86 CL          CLOSED - BACK INTO COMPLI 08/28/86
        E1                 ALL EFFLUENT VIOS FOR PERMIT
FL0020303    DELAND WTP                      4952     PUB       21750
FL0020371    TITUSVILLE-SOUTH STP            4952     PUB       90600
    23     309(A)(5)(A) ORDER              11/30/87 NC          NONCOMPLIANCE             12/08/87
        E1                 ALL EFFLUENT VIOS FOR PERMIT
FL0020389    TITUSVILLE-NORTH STP            4952     PUB       90600
    56     MCP SCHEDULE AO-EO              05/28/86 AE          ADMINISTRATIVE EXTENSION  08/07/87
        E1                 ALL EFFLUENT VIOS FOR PERMIT
    72     PRETREATMENT AO                 02/03/88 AE          ADMINISTRATIVE EXTENSION  06/10/88
        E1                 ALL EFFLUENT VIOS FOR PERMIT
FL0020401    PALMETTO STP                    4952     PUB       72150
FL0020451    PANAMA CITY-ST ANDREWS STP      4952     PUB       72600
```

Figure 3-6. Hierarchical Quick Look Report for the Enforcement Action Family

3.1.3 Quick Look Report Type Specification and Options

In the PCS retrieval process, all information for selected permitted facilities is processed and passed along for possible display on the printed report. The type of report requested by the user controls which information is displayed. The report type for the PCS Generalized Retrieval subsystem is specified on the 20-card. Further control over the display or report output is specified through the use of options.

The "Quick Look Report" features several options which allow the user to produce reports which are concise and more legible than reports available through PCS in the past. These options are specified through the use of the 20-card and the 40-card. Options which may be selected on the 20-card may take the following format:

```
HEADERS=xxxxx EXPAND=xxx BREAK=x TOP=xxx SKIP=x
SUPPRESS=xxx RESTRICT=xxx GHOST=xxx ARCH=xxx HIER=xxx
```

Options which may be specified on the 40-card are the TAB option, blank lines, and the "LAST" inspection option.

Use of the Quick Look options is discussed in the remaining paragraphs of this section.

"HEADERS=" and "EXPAND=" Options: The "HEADERS=" option and the "EXPAND=" option on the 20-card allow the use of headings or data element values which are more descriptive than the four character data element acronym usually displayed.

The "HEADERS=" option which controls the length of the column headings may be specified as "HEADERS=LONG" or "HEADERS=SHORT". For example, if the major rating code for a facility is to be displayed, the header will be "MRAT" with the short option and "MAJ RATING CD" with the long option. If the "HEADERS=" option is omitted from the 20-card, the retrieval default is "HEADERS=SHORT." Figure 3-7 illustrates an example of a "Quick Look Report" where "HEADERS=SHORT".

PERMIT COMPLIANCE SYSTEM
QUICK LOOK REPORT
'HEADERS=SHORT' OPTION

QL ********** QL

NPID	FNMS	DTIN	TYPI	INSP
FL0000035	DU PONT DE NEMOURS LAWTEY	04/11/78	C	J
FL0000035	DU PONT DE NEMOURS LAWTEY	01/20/81	S	J
FL0000035	DU PONT DE NEMOURS LAWTEY	01/21/81	B	R
FL0000035	DU PONT DE NEMOURS LAWTEY	11/16/81	S	S
FL0000035	DU PONT DE NEMOURS LAWTEY	08/19/82	C	R
FL0000035	DU PONT DE NEMOURS LAWTEY	11/17/82	S	S
FL0000035	DU PONT DE NEMOURS LAWTEY	02/07/84	C	J
FL0000035	DU PONT DE NEMOURS LAWTEY	10/28/85	C	R
FL0000035	DU PONT DE NEMOURS LAWTEY	02/19/86	A	J
FL0000035	DU PONT DE NEMOURS LAWTEY	12/15/86	C	J
FL0000035	DU PONT DE NEMOURS LAWTEY	12/02/87	A	J
FL0000043	TROPICANA PROD	12/06/78	C	J
FL0000043	TROPICANA PROD	01/24/79	S	S
FL0000043	TROPICANA PROD	07/11/79	C	R
FL0000043	TROPICANA PROD	01/18/80	C	R
FL0000043	TROPICANA PROD	01/23/80	S	S
FL0000043	TROPICANA PROD	04/15/80	S	J
FL0000043	TROPICANA PROD	04/17/80	B	R
FL0000043	TROPICANA PROD	01/26/81	C	S
FL0000043	TROPICANA PROD	01/25/82	S	S
FL0000043	TROPICANA PROD	02/10/82	C	J
FL0000043	TROPICANA PROD	06/29/82	C	J
FL0000043	TROPICANA PROD	02/10/83	P	S
FL0000043	TROPICANA PROD	02/11/83	S	S
FL0000043	TROPICANA PROD	08/17/83	C	R
FL0000043	TROPICANA PROD	01/24/84	C	S
FL0000043	TROPICANA PROD	03/20/84	C	J
FL0000043	TROPICANA PROD	01/25/85	C	R
FL0000043	TROPICANA PROD	12/20/85	C	S
FL0000043	TROPICANA PROD	04/07/86	C	J
FL0000043	TROPICANA PROD	04/25/86	S	S
FL0000043	TROPICANA PROD	02/10/87	C	S
FL0000043	TROPICANA PROD	03/23/87	C	R
FL0000043	TROPICANA PROD	06/29/88	C	R
FL0000051	DU PONT DE NEMOURS STARKE	04/11/78	C	J
FL0000051	DU PONT DE NEMOURS STARKE	11/08/78	S	S
FL0000051	DU PONT DE NEMOURS STARKE	10/22/80	C	J
FL0000051	DU PONT DE NEMOURS STARKE	01/20/81	S	J
FL0000051	DU PONT DE NEMOURS STARKE	01/21/81	B	R
FL0000051	DU PONT DE NEMOURS STARKE	11/17/82	S	S
FL0000051	DU PONT DE NEMOURS STARKE	02/11/83	B	S
FL0000051	DU PONT DE NEMOURS STARKE	02/07/84	C	J
FL0000051	DU PONT DE NEMOURS STARKE	10/28/85	C	R

Figure 3-7. Quick Look Report "HEADERS=SHORT" Option

The same report using "HEADERS=LONG" is shown in Figure 3-8 on page 3-8.

09/24/88 PAGE: 1

PERMIT COMPLIANCE SYSTEM
QUICK LOOK REPORT
'HEADERS=LONG' OPTION

QL ********** QL

PERMIT NUMBER	FACILITY NAME SHORT	INSP DT	TYP INSP	INSP CD
FL0000035	DU PONT DE NEMOURS LAWTEY	04/11/78	C	J
FL0000035	DU PONT DE NEMOURS LAWTEY	11/09/78	S	S
FL0000035	DU PONT DE NEMOURS LAWTEY	08/19/82	C	R
FL0000035	DU PONT DE NEMOURS LAWTEY	11/17/82	S	S
FL0000035	DU PONT DE NEMOURS LAWTEY	02/07/84	C	J
FL0000035	DU PONT DE NEMOURS LAWTEY	10/28/85	C	R
FL0000035	DU PONT DE NEMOURS LAWTEY	02/19/86	A	J
FL0000035	DU PONT DE NEMOURS LAWTEY	12/15/86	C	J
FL0000035	DU PONT DE NEMOURS LAWTEY	12/02/87	A	J
FL0000043	TROPICANA PROD	12/06/78	C	J
FL0000043	TROPICANA PROD	01/24/79	S	S
FL0000043	TROPICANA PROD	07/11/79	C	R
FL0000043	TROPICANA PROD	01/18/80	C	R
FL0000043	TROPICANA PROD	01/23/80	S	S
FL0000043	TROPICANA PROD	04/15/80	S	J
FL0000043	TROPICANA PROD	04/17/80	B	R
FL0000043	TROPICANA PROD	01/26/81	C	S
FL0000043	TROPICANA PROD	01/25/82	S	S
FL0000043	TROPICANA PROD	02/10/82	C	J
FL0000043	TROPICANA PROD	06/29/82	C	J
FL0000043	TROPICANA PROD	02/10/83	P	S
FL0000043	TROPICANA PROD	02/11/83	S	S
FL0000043	TROPICANA PROD	08/17/83	C	R
FL0000043	TROPICANA PROD	01/24/84	C	S
FL0000043	TROPICANA PROD	03/20/84	C	J
FL0000043	TROPICANA PROD	01/25/85	C	R
FL0000043	TROPICANA PROD	12/20/85	C	S
FL0000043	TROPICANA PROD	04/07/86	C	J
FL0000043	TROPICANA PROD	04/25/86	S	S
FL0000043	TROPICANA PROD	02/10/87	C	S
FL0000043	TROPICANA PROD	03/23/87	C	R
FL0000043	TROPICANA PROD	06/29/88	C	R
FL0000051	DU PONT DE NEMOURS STARKE	04/11/78	C	J
FL0000051	DU PONT DE NEMOURS STARKE	11/08/78	S	S
FL0000051	DU PONT DE NEMOURS STARKE	10/22/80	C	J
FL0000051	DU PONT DE NEMOURS STARKE	01/20/81	S	J
FL0000051	DU PONT DE NEMOURS STARKE	01/21/81	B	R
FL0000051	DU PONT DE NEMOURS STARKE	11/17/82	S	S
FL0000051	DU PONT DE NEMOURS STARKE	02/11/83	B	S
FL0000051	DU PONT DE NEMOURS STARKE	02/07/84	C	J
FL0000051	DU PONT DE NEMOURS STARKE	10/28/85	C	R

Figure 3-8. Quick Look Report "HEADERS=LONG" Option

The "EXPAND=" option on the 20-card causes the descriptive data element value to be used, where possible, on the "Quick Look Report." The format of the "EXPAND=" option is "EXPAND=YES" or "EXPAND=NO". For example, If the "EXPAND=YES" option is specified when requesting type of ownership, the displayed value will be "PUBLIC" rather than the data element value of "PUB". If the "EXPAND=" option is omitted from the 20-card, the retrieval default is "EXPAND=NO". An example of a "Quick Look Report" where "EXPAND=NO" is illustrated in Figure 3-9 on page 3-9.

09/24/88 PAGE: 1

PERMIT COMPLIANCE SYSTEM
QUICK LOOK REPORT
'EXPAND=NO' OPTION

QL ********** QL

NPID	FNMS	DTIN	TYPI	INSP
AZ0000035	ASARCO INCORPORATED	09/13/74	C	R
AZ0000035	ASARCO INCORPORATED	09/19/78	C	S
AZ0000035	ASARCO INCORPORATED	11/29/78	C	R
AZ0000035	ASARCO INCORPORATED	06/11/79	C	R
AZ0000035	ASARCO INCORPORATED	08/21/79	S	S
AZ0000035	ASARCO INCORPORATED	06/23/86	C	R
AZ0000035	ASARCO INCORPORATED	12/18/86	S	R
AZ0000035	ASARCO INCORPORATED	03/04/87	C	S
AZ0000035	ASARCO INCORPORATED	06/29/88	C	R
AZ0000078	AZ PUBLIC SERVICE CO	01/19/78	S	S
AZ0000078	AZ PUBLIC SERVICE CO	01/22/80	A	S
AZ0000078	AZ PUBLIC SERVICE CO	11/30/82	C	S
AZ0000078	AZ PUBLIC SERVICE CO	03/12/85	C	S
AZ0000078	AZ PUBLIC SERVICE CO	02/04/86	C	S
AZ0000078	AZ PUBLIC SERVICE CO	01/06/87	C	S
AZ0000078	AZ PUBLIC SERVICE CO	01/05/88	C	S
AZ0000108	LORAL CORP.	04/14/75	S	R
AZ0000108	LORAL CORP.	02/19/76	S	N
AZ0000108	LORAL CORP.	11/18/77	S	S
AZ0000108	LORAL CORP.	11/28/78	S	S
AZ0000108	LORAL CORP.	12/03/80	S	S
AZ0000108	LORAL CORP.	05/18/81	C	R
AZ0000108	LORAL CORP.	09/14/82	S	S
AZ0000108	LORAL CORP.	09/02/83	C	S
AZ0000108	LORAL CORP.	02/16/84	S	R
AZ0000108	LORAL CORP.	09/25/84	C	S
AZ0000108	LORAL CORP.	06/27/86	C	S
AZ0000108	LORAL CORP.	05/21/87	C	S
AZ0000108	LORAL CORP.	05/22/87	C	S
AZ0000108	LORAL CORP.	05/12/88	C	S
AZ0000116	U.S.F.W.	09/11/74	C	R
AZ0000116	U.S.F.W.	10/21/75	C	R
AZ0000116	U.S.F.W.	08/20/85	C	R
AZ0000116	U.S.F.W.	11/20/86	C	R
AZ0000116	U.S.F.W.	05/20/87	C	S
AZ0000124	U.S.F.W.	09/11/74	C	R
AZ0000124	U.S.F.W.	10/21/75	C	R
AZ0000124	U.S.F.W.	06/27/84	C	S
AZ0000124	U.S.F.W.	08/20/85	C	R
AZ0000124	U.S.F.W.	05/20/87	C	S
AZ0000132	U.S.F.W.	04/00/74	S	R
AZ0000132	U.S.F.W.	10/06/75	C	R

Figure 3-9. Quick Look Report "HEADERS = NO" Option

The same report with "EXPAND = YES" is illustrated in Figure 3-10 on page 3-10.

09/24/88 PAGE: 1

PERMIT COMPLIANCE SYSTEM
QUICK LOOK REPORT
'EXPAND=YES' OPTION

QL ********** QL

NPID	FNMS	DTIN	TYPI	INSP
AZ0000035	ASARCO INCORPORATED	09/13/74	COMPLIANCE EVAL (NON-SAMPLING)	EPA (REGIONAL)
AZ0000035	ASARCO INCORPORATED	09/19/78	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000035	ASARCO INCORPORATED	11/29/78	COMPLIANCE EVAL (NON-SAMPLING)	EPA (REGIONAL)
AZ0000035	ASARCO INCORPORATED	06/11/79	COMPLIANCE EVAL (NON-SAMPLING)	EPA (REGIONAL)
AZ0000035	ASARCO INCORPORATED	08/21/79	COMPLIANCE SAMPLING	STATE
AZ0000035	ASARCO INCORPORATED	09/30/80	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000035	ASARCO INCORPORATED	11/12/84	COMPLIANCE SAMPLING	EPA (REGIONAL)
AZ0000035	ASARCO INCORPORATED	12/18/86	COMPLIANCE SAMPLING	EPA (REGIONAL)
AZ0000035	ASARCO INCORPORATED	03/04/87	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000035	ASARCO INCORPORATED	06/29/88	COMPLIANCE EVAL (NON-SAMPLING)	EPA (REGIONAL)
AZ0000078	AZ PUBLIC SERVICE CO	01/19/78	COMPLIANCE SAMPLING	STATE
AZ0000078	AZ PUBLIC SERVICE CO	01/22/80	PERFORMANCE AUDIT	STATE
AZ0000078	AZ PUBLIC SERVICE CO	11/30/82	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000078	AZ PUBLIC SERVICE CO	03/12/85	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000078	AZ PUBLIC SERVICE CO	02/04/86	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000078	AZ PUBLIC SERVICE CO	01/06/87	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000078	AZ PUBLIC SERVICE CO	01/05/88	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000108	LORAL CORP.	04/14/75	COMPLIANCE SAMPLING	EPA (REGIONAL)
AZ0000108	LORAL CORP.	02/19/76	COMPLIANCE SAMPLING	NEIC
AZ0000108	LORAL CORP.	11/18/77	COMPLIANCE SAMPLING	STATE
AZ0000108	LORAL CORP.	11/28/78	COMPLIANCE SAMPLING	STATE
AZ0000108	LORAL CORP.	12/03/80	COMPLIANCE SAMPLING	STATE
AZ0000108	LORAL CORP.	05/18/81	COMPLIANCE EVAL (NON-SAMPLING)	EPA (REGIONAL)
AZ0000108	LORAL CORP.	09/14/82	COMPLIANCE SAMPLING	STATE
AZ0000108	LORAL CORP.	09/02/83	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000108	LORAL CORP.	02/16/84	COMPLIANCE SAMPLING	EPA (REGIONAL)
AZ0000108	LORAL CORP.	09/25/84	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000108	LORAL CORP.	06/27/86	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000108	LORAL CORP.	05/21/87	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000108	LORAL CORP.	05/22/87	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000108	LORAL CORP.	05/12/88	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000116	U.S.F.W.	09/11/74	COMPLIANCE EVAL (NON-SAMPLING)	EPA (REGIONAL)
AZ0000116	U.S.F.W.	10/21/75	COMPLIANCE EVAL (NON-SAMPLING)	EPA (REGIONAL)
AZ0000116	U.S.F.W.	08/20/85	COMPLIANCE EVAL (NON-SAMPLING)	EPA (REGIONAL)
AZ0000116	U.S.F.W.	11/20/86	COMPLIANCE EVAL (NON-SAMPLING)	EPA (REGIONAL)
AZ0000116	U.S.F.W.	05/20/87	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000124	U.S.F.W.	09/11/74	COMPLIANCE EVAL (NON-SAMPLING)	EPA (REGIONAL)
AZ0000124	U.S.F.W.	10/21/75	COMPLIANCE EVAL (NON-SAMPLING)	EPA (REGIONAL)
AZ0000124	U.S.F.W.	06/27/84	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000124	U.S.F.W.	08/20/85	COMPLIANCE EVAL (NON-SAMPLING)	EPA (REGIONAL)
AZ0000124	U.S.F.W.	05/20/87	COMPLIANCE EVAL (NON-SAMPLING)	STATE
AZ0000132	U.S.F.W.	04/00/74	COMPLIANCE SAMPLING	EPA (REGIONAL)
AZ0000132	U.S.F.W.	10/06/75	COMPLIANCE EVAL (NON-SAMPLING)	EPA (REGIONAL)

Figure 3-10. Quick Look Report "EXPAND=YES" Option

Expanded data elements may be requested individually (instead of on the 20-card using the "EXPAND=" option) by appending the 40- card data element acronym with "D" for "Description." For example, TYPO becomes TYPOD. See Appendix A, "Data Element Lists" on page A-1 for the acronyms which may have a "D" appended.

It should be pointed out that the number of data elements that can be displayed on a "Quick Look Report" will be affected by the "HEADERS=" and "EXPAND=" options selected on the 20-card and the "TAB" acronym on the 40-card.

The maximum number of characters on any "Quick Look Report" line is 132, determined by the sum of the Quick Look lengths of the specified acronyms (see Appendix A, "Data Element Lists" on page A-1) including the total characters selected on the "TAB" acronym. To calculate the number of characters that a line will require, the 20-card options are checked. If the "HEADERS=LONG" option is selected, the Quick Look Length (Long Headings) given Appendix A, "Data Element Lists" on page A-1 should be used to calculate the number of characters on the output line. Conversely, if the "HEADERS=SHORT" option is chosen the Quick Look Length (Short Headings) in Appendix A, "Data Element Lists" on page A-1 is used. If the "EXPAND=" option is "YES" the Quick Look Length (Long Heading) in Appendix A, "Data

Element Lists" on page A-1 should be used to determine the number of characters on the line. Otherwise, the Quick Look Length (Short Heading) in Appendix A, "Data Element Lists" on page A-1 should be used.

For example, if the 20-card is formatted as follows:

```
20 QL EXPAND=NO HEADERS=LONG
```

and the 40-card is formatted as follows:

```
40 NPID FNMS MADI FDGR TYPO PERD PERE
```

the total number of characters used can be calculated by adding up the Quick Look Length (Long Heading) of each acronym as follows:

```
14 + 31 + 12 + 14 + 10 + 11 + 11 = 103
```

If more than 15 acronyms are listed on any line of a "Quick Look Report", a second 40-card may be added. The second 40-card has a format identical to the first.

If long headers or expanded data elements are used, care should be taken to ensure that the total length of the data elements on the Quick Look line does not exceed the 132-character maximum.

"BREAK=" Option: The "BREAK=" option on the 20-card allows for page break control. To specify that a page break and subtotalling occur on certain fields, the user must list those fields on the 30-card and specify the "BREAK=" option on the 20-card as follows:

```
20 QL BREAK=x
```

where x is a number from 1 through 9.

An example would be:

```
20 QL BREAK=2
```

where the 30 card is:

```
30 STTE TYPO FNMS
```

In this example, the "BREAK=" option specifies that a break should occur on the *first* and *second* sort element. In this case, the report would page break and subtotal after each state and, within each state after each type of ownership value. The report would also sort by facility name (short) within type of ownership, but no page break would occur on this element.

A potentially "dangerous" situation occurs when the 20-card is formatted as follows:

```
20 QL BREAK=2
```

and the 30-card is formatted as follows:

```
30 STTE NPID
```

Here, a page break would occur after each permitted facility. If only a few lines of information are printed for each facility, a lot of paper could be wasted.

If the "BREAK=" option is not specified, the page break will occur at the end of the page and there will be no subtotalling.

Figure 3-11 on page 3-12 and Figure 3-12 on page 3-12 illustrate a "Quick Look Report" before and after implementation of the "BREAK=" option.

```
                                   PERMIT COMPLIANCE SYSTEM
                                      QUICK LOOK REPORT
                                     'BREAK=NO' OPTION
QL ******************************************************************************************************************** QL

CNTN                 FNMS                           NPID      CYNM
-------------------- ------------------------------ --------- --------------------
WAYNE                GARLOCK INC                    NY0000078 PALMYRA /V/
SAINT LAWRENCE       ST LAWRENCE REDUCTION PLANT    NY0000132 MASSENA /T/
SAINT LAWRENCE       GROVETON PAPER CO              NY0000191 GOUVERNEUR /V/
ERIE                 FMC CORP-INDUSTRIAL CHEMICAL   NY0000337 TONAWANDA /T/
NIAGARA              FMC CORPORATION                NY0000345 MIDDLEPORT
ERIE                 GIBCO LABORATORIES, INC.       NY0000400 GRAND ISLAND /T/
WAYNE                GINNA NUCLEAR POWER PLT-STA 13 NY0000493 ONTARIO /H/
OSWEGO               SCHOELLER TECHNICAL PAPERS INC NY0000515 PULASKI
SAINT LAWRENCE       CENTRAL FOUNDRY DIV ATT D FAYE NY0000540 MASSENA /V/
MONROE               RUSSELL GENERATING STATION #7  NY0000612 GREECE /T/
ONONDAGA             WELCH ALLYN-JORDAN RD IND DIV  NY0000787 SKANEATELES /T/
ONONDAGA             SPECIALTY METALS DIV           NY0000825 SYRACUSE /C/
NIAGARA              GREAT LAKES CARBON CORP.       NY0000906 NIAGARA FALLS /C/
CATTARAUGUS          WEST VALLEY DEMONSTRATION PROJ NY0000973 ASHFORD
OSWEGO               NINE MILE POINT NUCLEAR STA    NY0001015 LYCOMING
ERIE                 C.R. HUNTLEY GENERATING STA.   NY0001023 TONAWANDA /T/
JEFFERSON            QUEENS FARM DAIRY, INC         NY0001104 ELLISBURG
NIAGARA              DUREZ RESINS & MOLDING PRODS.  NY0001198 NORTH TONAWANDA /C/
ERIE                 GRAND ISLAND RESEARCH CENTER   NY0001201 GRAND ISLAND /T/
ERIE                 MOTOR & INDUSTRIAL CONTROL DIV NY0001210 BUFFALO /C/
SENECA               PHILIPS ECG, INC               NY0001228 SENECA FALLS /V/
NIAGARA              VAN DE MARK CHEMICAL CO., INC. NY0001295 LOCKPORT /CITY/
YATES                GREENIDGE GENERATING STATION   NY0001325 DRESDEN
TOMPKINS             MILLIKEN GENERATING STATION    NY0001333 LANSING /T/
ERIE                 BETHLEHEM STEEL - LACKAWANNA   NY0001368 BUFFALO /C/
SENECA               EVANS CHEMETICS DIVISION       NY0001406 WATERLOO /V/
ONEIDA               CAMDEN WIRE CO., INC.          NY0001490 CAMDEN /V/
GENESEE              U S GYPSUM CO OAKFIELD PLANT   NY0001562 OAKFIELD /V/
ERIE                 YERKES PLANT                   NY0001601 TONAWANDA /T/
NIAGARA              OLIN CORP-NIAGARA FALLS PLANT  NY0001635 NIAGARA FALLS /C/
MONROE               EASTMAN KODAK CO KODAK PARK DI NY0001643 ROCHESTER /C/
NIAGARA              STAUFFER CHEMICAL COMPANY      NY0001651 LEWISTON/T/
SAINT LAWRENCE       MASSENA OPERATIONS             NY0001732 MASSENA /T/
JEFFERSON            CHAMPION INTERNATIONAL CORP    NY0001775 DEFERIET /V/
SAINT LAWRENCE       ST JOE RES. CO - BALMAT MINE   NY0001791 BALMAT N Y
LEWIS                LYONS FALLS PULP & PAPER INC   NY0001848 LYONS FALLS /V/
SAINT LAWRENCE       NEWTON FALLS PAPER MILL, INC   NY0001856 NEWTON FALLS
ERIE                 LTV STEEL CO,INC-BUFFALO WORKS NY0001881 BUFFALO /C/
NIAGARA              CARBORUNDUM SPECIALTY PRODUCTS NY0001988 WHEATFIELD /T/
ONONDAGA             GENERAL ELECTRIC-ELECTRONICS   NY0002101 SALINA/T/
OSWEGO               ALCAN SHEET & PLATE DIVISION   NY0002143 SCRIBA /T/
OSWEGO               OSWEGO STEAM STATION UNITS 1-6 NY0002186 OSWEGO /CITY/ RAW
ONONDAGA             ALLIED CHEMICAL-SYRACUSE WORKS NY0002275 GEDDES /T/
```

Figure 3-11. Quick Look Report "BREAK=NO" Option

In Figure 3-12 the page break and subtotalling occur by by county (CNTN).

```
                                   PERMIT COMPLIANCE SYSTEM
                                      QUICK LOOK REPORT
                                      'BREAK=1' OPTION
QL ******************************************************************************************************************** QL

CNTN                 FNMS                           NPID      CYNM
-------------------- ------------------------------ --------- --------------------
ALBANY               NIAGARA MOHAWK POWERALBANY STE NY0005959 GLENMONT
ALBANY               G.E. - PLASTICS DIVISION       NY0007072 SELKIRK
ALBANY               AL TECH SPECIALTY STEEL CORP   NY0007081 COLONIE /T/
ALBANY               NOTT ROAD STP                  NY0022225 GUILDERLAND /T/ NOR-
ALBANY               BETHLEHEM (T)                  NY0025739 SELKIRK
ALBANY               ALBANY CO SD SOUTH WWTP        NY0026867 ALBANY
ALBANY               ALBANY CO SD NORTH WWTP        NY0026875 MENANDS /V/
ALBANY               MOHAWK VIEW WATER POLL CTL PLT NY0027758 COLONIE /T/

                                      SUB-TOTAL QUICK LOOK PRINT LINES:       8
```

Figure 3-12. Quick Look Report "BREAK=1" Option

"TOP=" Option: The "TOP=" option on the 20-card specifies where the headers are to be placed on a multiple line "Quick Look Report" allowing the user to limit the printing of headings to once at the top of a page. If "TOP= YES" is selected, the headers will print once at the beginning of each page. If "TOP= NO" is selected, the headers will print at each change of facility and, within a facility, at each data type change on a hierarchical "Quick Look Report" or at each family change on a cluster "Quick Look Report". If the "TOP=" option is not used the default will specify "TOP= NO". Figure 3-13 and Figure 3-14 on page 3-14 illustrate a a "Quick Look Report" before and after implementation of the "TOP=" option.

```
                                        PERMIT COMPLIANCE SYSTEM
                                          QUICK LOOK REPORT
                                           'TOP=NO' OPTION
QL ********************************************************************************************************************************** QL

FNMS                          MST1                          MCTY                  MSTT MZIP
----------------------------- ----------------------------- --------------------- ---- ----------
DU PONT DE NEMOURS LAWTEY     PO DRAWER "A"                 LAWTEY                FL   32058

OFFL                          TELE
----------------------------- ----------
DONALD V LUEBKE-PLANT MANAGER 9047823201

FNMS                          MST1                          MCTY                  MSTT MZIP
----------------------------- ----------------------------- --------------------- ---- ----------
TROPICANA PROD                PO BOX 338                    BRADENTON             FL   33506

OFFL                          TELE
----------------------------- ----------
DAVID HAMRICK, VICE PRESIDENT 8137474461

FNMS                          MST1                          MCTY                  MSTT MZIP
----------------------------- ----------------------------- --------------------- ---- ----------
DU PONT DE NEMOURS STARKE     PO BOX 753                    STARKE                FL   32091

OFFL                          TELE
----------------------------- ----------
DONALD V LUEBKE-PLANT MANAGER 9047823201

FNMS                          MST1                          MCTY                  MSTT MZIP
----------------------------- ----------------------------- --------------------- ---- ----------
CENTRAL PHOSPHATES PLT CITY   PO DRAWER L                   PLANT CITY            FL   33566

OFFL                          TELE
----------------------------- ----------
A L HOLMES, VICE-PRES MFG     8137821591

FNMS                          MST1                          MCTY                  MSTT MZIP
----------------------------- ----------------------------- --------------------- ---- ----------
CONSOLIDATED MINERALS INC     PO BOX 908                    PALMETTO              FL   34221

OFFL                          TELE
----------------------------- ----------
JOHN G CLADAKIS-OPER MANAGER  8137224555

FNMS                          MST1                          MCTY                  MSTT MZIP
----------------------------- ----------------------------- --------------------- ---- ----------
FL PWR CORP-BARTOW STEAM      3201 34TH ST., S.             ST PETERSBURGH        FL   33733
```

Figure 3-13. Quick Look Report "TOP= NO" Option

PERMIT COMPLIANCE SYSTEM
QUICK LOOK REPORT
'TOP=YES' OPTION

QL ********** QL

FNMS / OFFL	MST1 / TELE	MCTY	MSTT	MZIP
DU PONT DE NEMOURS LAWTEY	PO DRAWER "A"	LAWTEY	FL	32058
DONALD V LUEBKE-PLANT MANAGER	9047823201			
TROPICANA PROD	PO BOX 338	BRADENTON	FL	33506
DAVID HAMRICK, VICE PRESIDENT	8137474461			
DU PONT DE NEMOURS STARKE	PO BOX 753	STARKE	FL	32091
DONALD V LUEBKE-PLANT MANAGER	9047823201			
REICHHOLD CHEM JAX	54 WAMSLEY RD	JACKSONVILLE	FL	32205
BILL BRANSON, PLT MGR	9047819612			
CENTRAL PHOSPHATES PLT CITY	PO DRAWER L	PLANT CITY	FL	33566
A L HOLMES, VICE-PRES MFG	8137821591			
CONSOLIDATED MINERALS INC	PO BOX 908	PALMETTO	FL	34221
JOHN G CLADAKIS-OPER MANAGER	8137224555			
FL PWR CORP-BARTOW STEAM	3201 34TH ST., S.	ST PETERSBURGH	FL	33733
JOHN A. HANCOCK, VP FOSSIL OPS	8138664524			
FL PWR CORP-SUWANNEE RIV STEAM	P O BOX 14042	ST PETERSBURGH	FL	33733
PHILIP M WATKINS	8138664524			
FL PWR CORP-TURNER STEAM	PO BOX 14042	ST PETERSBURG	FL	33733
JOHN A. HANCOCK, VP FOSSIL OPS	8138664524			
SO WOOD PIEDMONT-BALDWIN	P.O.BOX 5447	SPARTANBURG	SC	29304
M J GULASINSKI, EXEC OFFICER	8035767660			
IMC FERTILIZER INC	PO BOX 867	BARTOW	FL	33830
W C CROSS-V PRES GEN MGR	8135331121			
IMC FERTILIZER INC	PO BOX 867	BARTOW	FL	33830
W C CROSS-V PRES GEN MGR	8135331121			
IMC FERTILIZER INC	PO BOX 867	BARTOW	FL	33830
W C CROSS-V PRES GEN MGR	8135331121			
NEKOOSA PACKAGING	PO BOX 1048	VALDOSTA	GA	31601
M C WOOLEY	9125597911			
MOBIL OIL FT MEADE MINE	PO BOX 311	NICHOLS	FL	33863
K.D. FETROW, MANAGER OF MFG	8134253011			
MOBIL OIL NICHOLS MINE	PO BOX 311	NICHOLS	FL	33863
K.D. FETROW, MANAGER OF MFG	8134253011			
AGRICO MINING - SADDLE CREEK	6221 LYNMAR DR.	LAKELAND	FL	33813
J J WATSON, AREA MGR	8134281431			
AGRICO MINING - PIERCE	P.O. BOX 1110	MULBERRY	FL	33860
R F KOBOSKY, AREA MGR	8134281431			
AGRICO CHEM SO PIERCE	PO BOX 1969	BARTOW	FL	33830
P A STEADHAM	8134281423			
AGRICO MINING - PIERCE DRYING	PO BOX 1110	MULBERRY	FL	33860

Figure 3-14. Quick Look Report "TOP=YES" Option

"SKIP=" Option: The "SKIP=" option on the 20-card allows from one to three blank lines to be inserted between groups of data relating to a single permitted facility. The format of this option is:

```
SKIP=x
```

where x = 1, 2, or 3.

If the "SKIP=" option is not selected the default will specify that no space is left between facilities. For example, assume the following statements are coded in a retrieval.

```
20 QL SKIP=1
30 NPID
40 NPID FNMS DTIN INSP TYPI
40 WITH INSP EQ S
40 WITH DTIN GE 010185
```

This retrieval will print inspections since 01/01/85 for the first permitted facility. Then, one line will be skipped before the inspections for the next permitted facility are printed. Figure 3-15 on page 3-15 and Figure 3-16 on page 3-16 illustrate this "Quick Look Report" before and after implementation of the "SKIP=" option.

09/26/88 PAGE: 2

PERMIT COMPLIANCE SYSTEM
QUICK LOOK REPORT
'SKIP=0' OPTION

QL ********** QL

NPID	FNMS	DTIN	INSP	TYPI
MA0100013	AYER WTF	06/03/85	S	S
MA0100013	AYER WTF	09/02/85	S	S
MA0100013	AYER WTF	09/03/85	S	C
MA0100013	AYER WTF	12/05/85	S	C
MA0100013	AYER WTF	05/15/86	S	C
MA0100013	AYER WTF	08/19/86	S	C
MA0100013	AYER WTF	03/27/87	S	I
MA0100013	AYER WTF	01/13/88	S	C
MA0100013	AYER WTF	01/14/88	S	C
MA0100013	AYER WTF	03/02/88	S	C
MA0100013	AYER WTF	03/21/88	R	C
MA0100030	MARION	05/05/82	R	C
MA0100030	MARION	10/04/84	J	C
MA0100030	MARION	08/12/85	S	S
MA0100030	MARION	06/04/86	S	C
MA0100030	MARION	02/06/87	S	C
MA0100137	MONTAGUE	05/09/78	S	S
MA0100137	MONTAGUE	09/10/80	S	C
MA0100137	MONTAGUE	10/07/82	S	C
MA0100137	MONTAGUE	03/29/83	S	C
MA0100137	MONTAGUE	06/14/83	S	S
MA0100137	MONTAGUE	08/10/83	S	S
MA0100137	MONTAGUE	08/23/83	S	C
MA0100137	MONTAGUE	12/07/83	S	S
MA0100137	MONTAGUE	02/23/84	S	C
MA0100137	MONTAGUE	03/26/84	S	S
MA0100137	MONTAGUE	08/30/84	S	C
MA0100137	MONTAGUE	10/31/84	S	C
MA0100137	MONTAGUE	11/30/84	C	S
MA0100137	MONTAGUE	03/01/85	S	C
MA0100137	MONTAGUE	05/21/85	S	C
MA0100137	MONTAGUE	09/10/85	S	C
MA0100137	MONTAGUE	10/08/85	S	C
MA0100137	MONTAGUE	11/19/85	S	C
MA0100137	MONTAGUE	05/07/86	S	C
MA0100137	MONTAGUE	11/14/86	S	C
MA0100137	MONTAGUE	03/05/87	S	R
MA0100137	MONTAGUE	06/30/87	R	P
MA0100137	MONTAGUE	03/16/88	S	C
MA0100137	MONTAGUE	04/07/88	R	P
MA0100145	ROCKPORT M T P	06/08/83	S	C
MA0100145	ROCKPORT M T P	02/21/84	S	C

Figure 3-15. Quick Look Report "SKIP=0" Option

09/26/88 PAGE: 2

PERMIT COMPLIANCE SYSTEM
QUICK LOOK REPORT
'SKIP=1' OPTION

QL ********** QL

NPID	FNMS	DTIN	INSP	TYPI
MA0100013	AYER WTF	05/06/85	S	S
MA0100013	AYER WTF	06/03/85	S	S
MA0100013	AYER WTF	09/02/85	S	S
MA0100013	AYER WTF	09/03/85	S	C
MA0100013	AYER WTF	12/05/85	S	C
MA0100013	AYER WTF	05/15/86	S	C
MA0100013	AYER WTF	08/19/86	S	C
MA0100013	AYER WTF	03/27/87	S	I
MA0100013	AYER WTF	01/13/88	S	C
MA0100013	AYER WTF	01/14/88	S	C
MA0100013	AYER WTF	03/02/88	S	C
MA0100013	AYER WTF	03/21/88	R	C
MA0100030	MARION	05/05/82	R	C
MA0100030	MARION	10/04/84	J	C
MA0100030	MARION	08/12/85	S	S
MA0100030	MARION	06/04/86	S	C
MA0100030	MARION	02/06/87	S	C
MA0100137	MONTAGUE	05/09/78	S	S
MA0100137	MONTAGUE	09/10/80	S	C
MA0100137	MONTAGUE	10/07/82	S	C
MA0100137	MONTAGUE	11/01/82	S	S
MA0100137	MONTAGUE	11/17/82	S	C
MA0100137	MONTAGUE	01/20/83	S	C
MA0100137	MONTAGUE	02/16/83	S	S
MA0100137	MONTAGUE	03/29/83	S	C
MA0100137	MONTAGUE	06/14/83	S	S
MA0100137	MONTAGUE	03/26/84	S	S
MA0100137	MONTAGUE	08/30/84	S	C
MA0100137	MONTAGUE	10/31/84	S	C
MA0100137	MONTAGUE	11/30/84	C	S
MA0100137	MONTAGUE	03/01/85	S	C
MA0100137	MONTAGUE	05/21/85	S	C
MA0100137	MONTAGUE	09/10/85	S	C
MA0100137	MONTAGUE	10/08/85	S	C
MA0100137	MONTAGUE	11/19/85	S	C
MA0100137	MONTAGUE	05/07/86	S	C
MA0100137	MONTAGUE	11/14/86	S	C
MA0100137	MONTAGUE	03/05/87	S	R
MA0100137	MONTAGUE	06/30/87	R	P
MA0100137	MONTAGUE	03/16/88	S	C

Figure 3-16. Quick Look Report "SKIP=1" Option

"SUPPRESS=" Option: The "SUPPRESS=" option is specified on the 20-card of the single line Cluster "Quick Look Report" to suppress data at the facility level where the data being printed may occur more than once per facility (i.e. inspection data). The format of this option is "SUPPRESS=YES" or "SUPPRESS=NO". Use of this option eliminates duplication of data and makes the printed report more legible.

If "SUPPRESS=YES" is specified, at the first occurrence of a permitted facility all the data requested will be presented. The remaining occurrences of data for the same facility will show only non-permit facility level data. For example, assume the following statements are coded in a retrieval:

```
20 QL SUPPRESS=YES
30 NPID DTIN
40 NPID FNMS DTIN INSP TYPI
40 WITH INSP EQ S
40 WITH DTIN GE 010185
```

This retrieval will allow the facility permit number (NPID) and facility name (FNMS), to print only on the first inspection of a facility. Additional inspections will have the facility permit number and name sup-

pressed. If the "SUPPRESS=" option is not specified on the single line "Quick Look Report," permit facility level data will be printed for all occurrences of data for the same facility. Figure 3-17 on page 3-17 and Figure 3-18 on page 3-18 illustrate this "Quick Look Report" before and after implementation of the "SUPPRESS=" option.

PERMIT COMPLIANCE SYSTEM
QUICK LOOK REPORT
'SUPPRESS=NO' OPTION

QL ********** QL

NPID	FNMS	DTIN	INSP	TYPI
MA0100005	ATHOL STP	04/26/78	S	S
MA0100005	ATHOL STP	12/27/78	S	C
MA0100005	ATHOL STP	12/04/79	S	C
MA0100005	ATHOL STP	03/27/80	R	C
MA0100005	ATHOL STP	05/13/80	R	S
MA0100005	ATHOL STP	05/01/81	S	C
MA0100005	ATHOL STP	10/19/81	R	C
MA0100005	ATHOL STP	11/25/81	J	C
MA0100005	ATHOL STP	12/15/81	J	C
MA0100005	ATHOL STP	11/22/82	S	C
MA0100005	ATHOL STP	01/12/83	S	C
MA0100005	ATHOL STP	02/14/83	J	C
MA0100005	ATHOL STP	02/25/83	S	C
MA0100005	ATHOL STP	03/01/83	S	S
MA0100005	ATHOL STP	10/31/83	S	S
MA0100005	ATHOL STP	11/01/83	S	S
MA0100005	ATHOL STP	02/02/84	S	C
MA0100005	ATHOL STP	03/08/84	S	C
MA0100005	ATHOL STP	08/27/84	S	C
MA0100005	ATHOL STP	11/29/84	S	C
MA0100005	ATHOL STP	04/01/85	S	S
MA0100005	ATHOL STP	06/10/85	S	S
MA0100005	ATHOL STP	09/11/85	S	C
MA0100005	ATHOL STP	04/30/86	S	C
MA0100005	ATHOL STP	08/19/86	S	C
MA0100005	ATHOL STP	04/06/87	J	C
MA0100005	ATHOL STP	04/27/87	S	C
MA0100005	ATHOL STP	06/15/87	S	C
MA0100005	ATHOL STP	09/11/87	S	C
MA0100005	ATHOL STP	09/18/87	S	C
MA0100005	ATHOL STP	10/06/87	S	R
MA0100013	AYER WTF	06/21/78	R	C
MA0100013	AYER WTF	07/12/82	R	A
MA0100013	AYER WTF	11/09/82	S	S
MA0100013	AYER WTF	02/15/83	S	C
MA0100013	AYER WTF	03/21/83	S	S
MA0100013	AYER WTF	04/11/84	S	C
MA0100013	AYER WTF	04/19/84	S	C
MA0100013	AYER WTF	09/06/84	S	C
MA0100013	AYER WTF	02/13/85	S	C
MA0100013	AYER WTF	03/25/85	S	S
MA0100013	AYER WTF	04/24/85	S	C
MA0100013	AYER WTF	05/06/85	S	S

Figure 3-17. Quick Look Report "SUPPRESS=NO" Option

```
                                                PERMIT COMPLIANCE SYSTEM
                                                   QUICK LOOK REPORT
                                                 'SUPPRESS=YES' OPTION
QL ********************************************************************************************************************************** QL

NPID      FNMS                          DTIN     INSP TYPI
--------- ----------------------------- -------- ---- ----
MA0100005 ATHOL STP                     04/26/78 S    S
                                        12/27/78 S    C
                                        12/04/79 S    C
                                        03/27/80 R    C
                                        05/13/80 R    S
                                        05/01/81 S    C
                                        10/19/81 R    C
                                        11/25/81 J    C
                                        12/15/81 J    C
                                        11/22/82 S    C
                                        01/12/83 S    C
                                        02/14/83 J    C
                                        02/25/83 S    C
                                        03/01/83 S    S
                                        10/31/83 S    S
                                        11/01/83 S    S
                                        02/02/84 S    C
                                        03/08/84 S    C
                                        08/27/84 S    C
                                        11/29/84 S    C
                                        04/01/85 S    S
                                        06/10/85 S    S
                                        09/11/85 S    C
                                        04/30/86 S    C
                                        08/19/86 S    C
                                        04/06/87 J    C
                                        04/27/87 S    C
                                        06/15/87 S    C
                                        09/11/87 S    C
                                        09/18/87 S    C
                                        10/06/87 S    R
MA0100013 AYER WTF                      06/21/78 R    C
                                        07/12/82 R    A
                                        11/09/82 S    S
                                        02/15/83 S    C
                                        03/21/83 S    S
                                        09/13/83 S    S
                                        09/15/83 S    C
                                        01/04/84 S    C
                                        02/13/85 S    C
                                        03/25/85 S    S
                                        04/24/85 S    C
                                        05/06/85 S    S
```

Figure 3-18. Quick Look Report "SUPPRESS = YES" Option

"RESTRICT=" Option: The "RESTRICT=" option is specified on the 20-card to limit the printing of non-qualified data on a "Quick Look Report". On each retrieval line in the "Quick Look Report" only data elements from a single data type may be specified when using the "RESTRICT" option. The format of this option is "RESTRICT = YES" or "RESTRICT = NO".

Use of the "RESTRICT = YES" option will cause "upper" level information to print only for "lower" level information which meets the retrieval qualifications. For example, in the effluent family a hierarchical report is made up of one line of permit facility data, one line of pipe schedule data, one line of parameter limits data, and one line of measurement violation data. If a user was interested in only three months of violation data, the "RESTRICT = YES" option would print only permit facility data, pipe schedules, and parameter limits for measurement violations that occurred during those months rather than listing all parameters measured during the period specified whether or not a violation occurred. Assume the following statements are coded in a retrieval:

```
20 QL RESTRICT=YES
30 NPID
40 NPID FNMS MADID SIC2D
40 / TAB10 DSCH DRID
40 / TAB20 PRAS TAB5 PRAM TAB5 ELSD ELED LQUCD LCUCD

40 / TAB30 MV10 TAB9 MVDT TAB12 VQAVT TAB8 VCAV TAB5 VWCS
40 / MVI0 GT E21
40 WITH MVDT GE 070188
40 WITH MVDT LE 093088
```

This retrieval would print only pipe outfall and parameter limits information for facilities that have measurement violations (MVIO GE 21) between 07/01/85 and 09/30/85. All "40 WITH" cards qualify the data to be printed at that level and up. That is, using a "40 WITH" card at the parameter limits level will only print the pipe schedule outfalls with those limits. If the "RESTRICT=" option is not specified on the 20-card the default is "RESTRICT=NO". Figure 3-19 and Figure 3-20 on page 3-20 illustrate the "Quick Look Report" before and after implementation of the "RESTRICT=" option.

```
                                                    PERMIT COMPLIANCE SYSTEM
                                                      QUICK LOOK REPORT
                                                     'RESTRICT=NO' OPTION
QL ********************************************************************************************************************************** QL

NPID       FNMS                          MADI SIC2
---------- ------------------------------ ---- ----
           DSCH DRID
           ---- ----
                    PRAS                            PRAM      ELSD     ELED     LQUC LCUC
                    ------------------------------  -----     -------- -------- ---- ----
                             MVIO                                    MVDT             VQAV      VCAV      VWCS
                             ------------------------------          --------         -----     -----     -----

CT0024694 EAST HAMPTON                  M    4952
           001  1
                    TEMPERATURE, WATER  DEG. FAHR      00011     03/23/88 03/23/93      15
                                                                                          0         0         0
                    TURBIDITY                          00070     03/23/88 03/23/93      43
                                                                                          0         0         0
                    OXYGEN,DISSOLVED           (D      00300     03/23/88 03/23/93      19
                                                                                          0         0         0
                    BOD, 5-DAY               (20 D     00310     03/23/88 03/23/93      19
                                                                                          0         0         0
                             LIMITED, CONCENTRATION ABSENT                 03/31/88       0         0         0
                    PH                                 00400     03/23/88 03/23/93      12
                                                                                          0         0         0
                             NUMERIC VIOLATION                             06/30/88       0         0         6
                             NUMERIC VIOLATION                             07/31/88       0         0         11
                    SOLIDS,TOTAL       SUSPENDED       00530     03/23/88 03/23/93      19
                                                                                          0         0         0
                             LIMITED, CONCENTRATION ABSENT                 03/31/88       0         0         0
                    SOLIDS,SETTLEABLE                  00545     03/23/88 03/23/93      25
                                                                                          0         0         0
                    CYANIDE, TOTAL             (AS     00720     03/23/88 03/23/93      19
                             MONITOR ONLY, CONC ABSENT                     06/30/88       0         0         0
                    CYANIDE,FREE (AMEN. TO CHLORI      00722     03/23/88 03/23/93      19
                             MONITOR ONLY, CONC ABSENT                     06/30/88       0         0         0
                    BERYLIUM                           00998     03/23/88 03/23/93      19
                             MONITOR ONLY, CONC ABSENT                     06/30/88       0         0         0
                    CADMIUM, TOTAL             (AS     01027     03/23/88 03/23/93      19
                             MONITOR ONLY, CONC ABSENT                     06/30/88       0         0         0
                    CHROMIUM, HEXAVALENT       (AS     01032     03/23/88 03/23/93      19
                             MONITOR ONLY, CONC ABSENT                     06/30/88       0         0         0
                    COPPER,TOTAL               (AS     01042     03/23/88 03/23/93      19
                                                                                          0         0         0
                    LEAD, TOTAL                (AS     01051     03/23/88 03/23/93      19
                             MONITOR ONLY, CONC ABSENT                     06/30/88       0         0         0
                    THALLIUM, TOTAL            (AS     01059     03/23/88 03/23/93      19
```

Figure 3-19. Quick Look Report "RESTRICT=NO" Option

```
                                                    PERMIT COMPLIANCE SYSTEM
                                                      QUICK LOOK REPORT
                                                    'RESTRICT=YES' OPTION
QL ********************************************************************************************************************************** QL

NPID      FNMS                          MADI SIC2
--------- ----------------------------- ---- ----
          DSCH DRID
          ---- ----
                    PRAS                          PRAM      ELSD     ELED     LQUC LCUC
                    ----------------------------  -----     -------- -------- ---- ----
                              MVIO                              MVDT              VQAV      VCAV      VWCS
                              ------------------------------    --------          -----     -----     -----

CT0024694 EAST HAMPTON                  M    4952
          001  1
                    BOD, 5-DAY                (20 D     00310     03/23/88 03/23/93      19
                              LIMITED, CONCENTRATION ABSENT          03/31/88       0         0         0
                    PH                                  00400     03/23/88 03/23/93      12
                              NUMERIC VIOLATION                        06/30/88       0         0         6
                              NUMERIC VIOLATION                        07/31/88       0         0        11
                    SOLIDS,TOTAL       SUSPENDED      00530     03/23/88 03/23/93      19
                              LIMITED, CONCENTRATION ABSENT          03/31/88       0         0         0
                    CYANIDE, TOTAL             (AS     00720     03/23/88 03/23/93      19
                              MONITOR ONLY, CONC ABSENT              06/30/88       0         0         0
                    CYANIDE,FREE (AMEN. TO CHLORI      00722     03/23/88 03/23/93      19
                              MONITOR ONLY, CONC ABSENT              06/30/88       0         0         0
                    BERYLIUM                            00998     03/23/88 03/23/93      19
                              MONITOR ONLY, CONC ABSENT              06/30/88       0         0         0
                    ARSENIC, TOTAL             (AS     01002     03/23/88 03/23/93      19
                              MONITOR ONLY, CONC ABSENT              06/30/88       0         0         0
                    CADMIUM, TOTAL             (AS     01027     03/23/88 03/23/93      19
                              MONITOR ONLY, CONC ABSENT              06/30/88       0         0         0
                    CHROMIUM, TOTAL            (AS     01034     03/23/88 03/23/93      19
                              MONITOR ONLY, CONC ABSENT              06/30/88       0         0         0
                    LEAD, TOTAL                (AS     01051     03/23/88 03/23/93      19
                              MONITOR ONLY, CONC ABSENT              06/30/88       0         0         0
                    THALLIUM, TOTAL            (AS     01059     03/23/88 03/23/93      19
                              MONITOR ONLY, CONC ABSENT              06/30/88       0         0         0
                    ZINC, TOTAL                (AS     01092     03/23/88 03/23/93      19
                              MONITOR ONLY, CONC ABSENT              06/30/88       0         0         0
                    ANTIMONY, TOTAL            (AS     01097     03/23/88 03/23/93      19
                              MONITOR ONLY, CONC ABSENT              06/30/88       0         0         0
                    SELENIUM, TOTAL            (AS     01147     03/23/88 03/23/93      19
                              MONITOR ONLY, CONC ABSENT              06/30/88       0         0         0
                    PHENOLS                             46000     03/23/88 03/23/93      19
                              MONITOR ONLY, CONC ABSENT              06/30/88       0         0         0
                    CHLORINE, TOTAL     RESIDUAL      50060     03/23/88 03/23/93      19
                              NUMERIC VIOLATION                      05/31/88       0         0        80
```

Figure 3-20. Quick Look Report "RESTRICT = YES" Option

"GHOST=" Option: The "GHOST=" option is selected on the 20-card of a Quick Look to specify whether or not parameter outfall and limit data which has been "ghosted" should be processed and displayed on a retrieval. Parameter outfall and limit data is "ghosted" in PCS when a permit is reissued and the reissuance indicator is used to enter the new limits. The reissuance indicator copies the old data to another area in the PCS database to create archived or "ghosted" records. The new parameter limit are then entered into the "active" file. "Ghosted" parameter limits remain on file and may be retrieved; they may not be updated.

Ghosted data may not be selected or displayed in INQUIRY. Ghosted limits are available through the sequential file extract and the topck file extract.

The format of this option is "GHOST = YES" or "GHOST = NO". If "GHOST = YES" is specified the Generalized Retrieval subsystem will search and display both "ghosted" and active parameter limits data which meet the specifications of the retrieval. If "GHOST = NO" is selected the subsystem searches and displays only active parameter limits data. The default is "GHOST = NO".

The following is an example of the 40-cards in a retrieval using the "GHOST = YES" option:

```
20 QL GHOST=YES
40 FNMS PRAMD ELSD LQAV LQMX LCAV LCMX
40 WITH ELSD GT 010184
40 WITH PRAM EQ 00310
```

This retrieval would display the parameter limits data for BOD from January 01, 1984 to the present including any limits which were "ghosted" during this period. If "GHOST = YES" had not been selected only active limits during this period would be displayed. Figure 3-21 and Figure 3-22 on page 3-22 illustrate this "Quick Look Report" before and after implementation of the "GHOST = " option.

Note: The "GHOST = " option will be applied to facility selection at the 10-card level if effluent data elements are requested on 10-card.

```
                                                    PERMIT COMPLIANCE SYSTEM
                                                      QUICK LOOK REPORT
                                                      'GHOST=NO' OPTION
QL ********************************************************************************************************************************** QL

NPID      FNMS                           MADI SIC2
--------- ------------------------------ ---- ----
          OSCH ORID PIPQ
          ---- ---- ----
               PRAS                           LIPQ     PRAM      ELSD     ELED     LQUC LCUC
               ------------------------------ ----     -----     -------- -------- ---- ----

CT0000027 J. B. COGGINS MFG                   3471
CT0000191 SEYMOUR SPECIALTY METALS       M    3351
          D01  U    9
               TEMPERATURE, WATER  DEG. FAHR 9        00011     04/04/85 04/04/90      15
          E02  D    9
               TEMPERATURE, WATER  DEG. FAHR 9        00011     04/04/85 04/04/90      15
          001  1    9
               TEMPERATURE, WATER  DEG. FAHR 9        00011     04/04/85 04/04/90      15
               FLOW RATE                     9        00056     04/04/85 04/04/90 07
               PH                            9        00400     04/04/85 04/04/90      12
          002  1    9
               TEMPERATURE, WATER  DEG. FAHR 9        00011     04/04/85 04/04/90      15
               FLOW RATE                     9        00056     04/04/85 04/04/90 07
               PH                            9        00400     04/04/85 04/04/90      12
          003  1    9
               TEMPERATURE, WATER  DEG. FAHR 9        00011     04/04/85 04/04/90      15
               FLOW RATE                     9        00056     04/04/85 04/04/90 07
               PH                            9        00400     04/04/85 04/04/90      12
          004  1    9
               TEMPERATURE, WATER  DEG. FAHR 9        00011     04/04/85 04/04/90      15
               FLOW RATE                     9        00056     04/04/85 04/04/90 07
               PH                            9        00400     04/04/85 04/04/90      12
          005  1    9
               TEMPERATURE, WATER  DEG. FAHR 9        00011     04/04/85 04/04/90      15
               FLOW RATE                     9        00056     04/04/85 04/04/90 07
               PH                            9        00400     04/04/85 04/04/90      12
          006  1    9
               TEMPERATURE, WATER  DEG. FAHR 9        00011     04/04/85 04/04/90      15
               FLOW RATE                     9        00056     04/04/85 04/04/90 07
               PH                            9        00400     04/04/85 04/04/90      12
          007  A    9
               FLOW RATE                     9        00056     04/04/85 04/04/90 07
               PH                            9        00400     04/04/85 04/04/90      12
               SOLIDS,TOTAL       SUSPENDED  9        00530     04/04/85 04/04/90      19
               OIL ANDGREASE      FREON EXTR 9        00556     04/04/85 04/04/90      19
               FLUORIDE, TOTAL          (A 9        00951     04/04/85 04/04/90      19
               NICKEL,TOTAL            (AS 9        01067     04/04/85 04/04/90      19
               ZINC, TOTAL             (AS 9        01092     04/04/85 04/04/90      19
```

Figure 3-21. Quick Look Report "GHOST = NO" Option

```
                                                    PERMIT COMPLIANCE SYSTEM
                                                      QUICK LOOK REPORT
                                                       'GHOST=YES' OPTION
QL ********************************************************************************************************************************** QL

NPID       FNMS                              MADI SIC2
---------- --------------------------------- ---- ----
           DSCH DRID PIPQ
           ---- ---- ----
                PRAS                          LIPQ     PRAM      ELSD     ELED     LQUC LCUC
                ------------------------------ ----     -----     -------- -------- ---- ----

CT0000027 J. B. COGGINS MFG                    3471
           001  A    0
                FLOW RATE                        0       00056     10/23/79 07/30/80 07
                PH                               0       00400     10/23/79 07/30/80      12
                SOLIDS,TOTAL       SUSPENDED     0       00530     10/23/79 07/30/80 01   19
                SOLIDS,SETTLEABLE                0       00545     10/23/79 07/30/80      25
                CHROMIUM, TOTAL             (AS  0       01034     10/23/79 07/30/80 01   19
                ZINC, TOTAL                 (AS  0       01092     10/23/79 07/30/80 01   19
                FLOW RATE                        0       00056     07/31/80 10/23/84 07
                PH                               0       00400     07/31/80 10/23/84      12
                SOLIDS,TOTAL                     0       00500     07/31/80 10/23/84 01
                SOLIDS,TOTAL       SUSPENDED     0       00530     07/31/80 10/23/84 01   19
                SOLIDS,SETTLEABLE                0       00545     07/31/80 10/23/84      25
                CHROMIUM, HEXAVALENT        (AS  0       01032     07/31/80 10/23/84 01   19
                CHROMIUM, TOTAL             (AS  0       01034     07/31/80 10/23/84 01   19
                COPPER,TOTAL                (AS  0       01042     07/31/80 10/23/84 01   19
                NICKEL,TOTAL                (AS  0       01067     07/31/80 10/23/84 01   19
                ZINC, TOTAL                 (AS  0       01092     07/31/80 10/23/84 01   19
           001  B    0
                TEMPERATURE, WATER  DEG. FAHR    0       00011     10/23/79 10/23/84      15
                FLOW RATE                        0       00056     10/23/79 10/23/84 07
                PH                               0       00400     10/23/79 10/23/84      12
CT0000191 SEYMOUR SPECIALTY METALS         M     3351
           001  A    0
                TEMPERATURE, WATER  DEG. FAHR    0       00011     04/19/74 04/29/79      15
                FLOW RATE                        0       00056     04/19/74 04/29/79 07
                PH                               0       00400     04/19/74 04/29/79      12
                TEMPERATURE, WATER  DEG. FAHR    0       00011     10/24/79 10/24/84      15
                PH                               0       00400     10/24/79 10/24/84      12
           002  A    0
                TEMPERATURE, WATER  DEG. FAHR    0       00011     04/19/74 04/29/79      15
                FLOW RATE                        0       00056     04/19/74 04/29/79 07
                PH                               0       00400     04/19/74 04/29/79      12
                TEMPERATURE, WATER  DEG. FAHR    0       00011     10/24/79 10/24/84      15
                FLOW RATE                        0       00056     10/24/79 10/24/84 07
                PH                               0       00400     10/24/79 10/24/84      12
           003  A    0
```

Figure 3-22. Quick Look Report "GHOST=YES" Option

"ARCH=" Option: The "ARCH=" option is selected on the 20-card to specify whether or not measurement data which has been archived should be processed and displayed on a retrieval. With the exception of the QNCR, which does not require the option, "ARCH=" may be specified on any report which uses measurement data (i.e., "Quick Look Report", "Milestone Report", "Facility Report", "Limitations Summary with Measurement Violations Report", "DMR Administrative Report", and "DMR Administrative Report by Parameter", and "Quick File Extract").

The archival process moves measurement data which is no longer current from the PCS "active" file area to another area in the ten regional measurement files thus allowing for quicker processing of measurement related retrievals.

This process, which is performed annually, removes measurement data more than two years old. Archived data cannot be selected or displayed in INQUIRY. Archived measurement data is available through the sequential file extract and the quick file extract.

The format for this option is "ARCH=YES" or "ARCH=NO". If "ARCH=YES" is specified, the Generalized Retrieval subsystem will search both archived and active measurement data when processing a

retrieval. If "ARCH = NO" is specified, the subsystem searches only active measurement data. If the "ARCH = " option is not specified, the default is "ARCH = NO".

For example, assume the following statements are coded in a retrieval:

```
20 QL ARCH=YES
40 NPID FNMS MVDT MVIO VIOL
40 WITH MVDT GE 060183
40 WITH MVDT LE 060185
```

The retrieval would display any measurement data from June 1, 1983 to June 1, 1985. If the "ARCH = " option had not been specified the retrieval subsystem would look only at measurement data after December 31, 1985. In this example, only six months worth of data (i.e., January 1, 1985 to June 1, 1985) would be printed. Figure 3-23 and Figure 3-24 on page 3-24 illustrate this Quick Look Report before and after implementation of the "ARCH = " option.

Note: The "ARCH = " option will be applied to facility selection at the 10-card level if effluent data elements are requested on 10-card.

```
                                                    PERMIT COMPLIANCE SYSTEM
                                                      QUICK LOOK REPORT
                                                       'ARCH=NO' OPTION
QL ********************************************************************************************************************************** QL
NPID      FNMS                          MADI SIC2
--------- ------------------------------ ---- ----
          DSCH DRID
          ---- ----
                    PRAS                                PRAM      ELSD     ELED     LQUC LCUC
                    ------------------------------      -----     -------- -------- ---- ----
                              MVIO                                    MVDT              VQAV      VCAV      VWCS
                              --------------------------------        --------          -----     -----     -----

NY0000973 WEST VALLEY DEMONSTRATION PROJ M    4952
          001  A
                    BOD, 5-DAY              (20 D     00310     09/01/85 09/01/90      19
                              MEASUREMENT ONLY, NO VIOLATION          01/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          03/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          06/30/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          07/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          09/30/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          12/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          02/28/87          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          04/30/87          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          07/31/87          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          08/31/87          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          09/30/87          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          01/31/88          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          03/31/88          0         0         0
                    PH                                  00400     09/01/85 09/01/90      12
                              MEASUREMENT ONLY, NO VIOLATION          01/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          03/31/86          0         0         0
                              NUMERIC VIOLATION                       06/30/86          0         0         6
                              MEASUREMENT ONLY, NO VIOLATION          07/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          09/30/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          12/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          02/28/87          0         0         0
                              NUMERIC VIOLATION                       04/30/87          0         0         1
                              MEASUREMENT ONLY, NO VIOLATION          07/31/87          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          08/31/87          0         0         0
                              NUMERIC VIOLATION                       03/31/88          0         0         6
                    SOLIDS,TOTAL       SUSPENDED      00530     09/01/85 09/01/90      19
                              LIMITED, CONCENTRATION ABSENT           12/31/85          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          01/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          03/31/86          0         0         0
                              NUMERIC VIOLATION                       06/30/86          0        31        31
                              MEASUREMENT ONLY, NO VIOLATION          07/31/86          0         0         0
                              NUMERIC VIOLATION                       09/30/86          0       122       167
                              MEASUREMENT ONLY, NO VIOLATION          12/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          02/28/87          0         0         0
```

Figure 3-23. Quick Look Report "ARCH = NO" Option

```
                                                    PERMIT COMPLIANCE SYSTEM
                                                      QUICK LOOK REPORT
                                                      'ARCH=YES' OPTION
QL ********************************************************************************************************************************************** QL

NPID      FNMS                          MADI SIC2
--------- ------------------------------ ---- ----
          DSCH DRID
          ---- ----
                    PRAS                            PRAM      ELSD     ELED     LQUC LCUC
                    ------------------------------  -----     -------- -------- ---- ----
                              MVIO                                    MVDT          VQAV      VCAV      VWCS
                              ------------------------------          --------      -----     -----     -----


NY0000973 WEST VALLEY DEMONSTRATION PROJ M    4952
          001  A
                    BOD, 5-DAY              (20 D-     00310     09/01/85 09/01/90      19
                              MEASUREMENT ONLY, NO VIOLATION          11/30/85          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          01/31/88          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          01/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          03/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          06/30/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          07/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          09/30/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          12/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          02/28/87          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          04/30/87          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          07/31/87          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          08/31/87          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          09/30/87          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          03/31/88          0         0         0
                    PH                                  00400     09/01/85 09/01/90      12
                              MEASUREMENT ONLY, NO VIOLATION          11/30/85          0         0         0
                              LIMITED, CONCENTRATION ABSENT           12/31/85          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          01/31/88          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          01/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          03/31/86          0         0         0
                              NUMERIC VIOLATION                       06/30/86          0         0         6
                              MEASUREMENT ONLY, NO VIOLATION          07/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          09/30/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          12/31/86          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          02/28/87          0         0         0
                              NUMERIC VIOLATION                       04/30/87          0         0         1
                              MEASUREMENT ONLY, NO VIOLATION          07/31/87          0         0         0
                              NUMERIC VIOLATION                       03/31/88          0         0         6
                    SOLIDS,TOTAL      SUSPENDED     00530     09/01/85 09/01/90      19
                              MEASUREMENT ONLY, NO VIOLATION          11/30/85          0         0         0
                              LIMITED, CONCENTRATION ABSENT           12/31/85          0         0         0
                              MEASUREMENT ONLY, NO VIOLATION          03/31/86          0         0         0
```

Figure 3-24. Quick Look Report "ARCH = YES" Option

"HIER =" Option: The "HIER = " option may be specified on the 20-card of the compliance schedule, the effluent, the inspection, and the enforcement action "Quick Look Reports" to ensure that they print in the format designed for PCS hierarchial type reports.

The format of this option is "HIER = YES" or "HIER = NO". If "HIER = YES" is specified, the report will display each of the selected data types in the data family on separate lines according to the hierarchical structure in PCS and will intersperse related information for the different types. For example, any measurement violation of a particular parameter limit is displayed on a separate line immediately after the parameter limit violated. In order for the "HIER = YES" option to function properly, all the rules applicable for a hierarchical type report (See 3.1.4.2, "Hierarchical Quick Look Report" on page 3-32 and 3.1.4.2, "Hierarchical Quick Look Report" on page 3-32) must be followed. If "HIER = YES" is selected on a report and these rules are not followed, the Generalized Retrieval subsystem will generate an error message and no report will be printed.

If "HIER = NO" is specified, the rules associated with a cluster type report will apply (See 3.1.4.1, "Cluster Quick Look Report" on page 3-30). The default for this option is "HIER = NO". Figure 3-3 on page 3-3

and Figure 3-4 on page 3-4 illustrate the hierarchical type format for the compliance schedule family and the effluent family respectively.

"TAB" Option: The "TAB" option is a special acronym, specified on the 40-card, which allows the user to indent data and provides for spacing between columns of data on the "Quick Look Report". No heading is associated with the special acronym. Any number of special tab characters may be used in a retrieval. The only restriction is that the total number of characters on the report may not exceed 132. An example of the use of the "TAB" option is:

```
40 TAB5 FNMS TAB2 PERD TAB2 PERE
```

In this example, the printed line including headings would be indented five spaces before the facility name (FNMS). There would be two spaces before the permit issuance data (PERD) and 2 spaces before the permit expiration date (PERE). Figure 3-25 and Figure 3-26 on page 3-26 illustrate a "Quick look Report" before and after implementation of the TAB option.

```
                                                    PERMIT COMPLIANCE SYSTEM
                                                      QUICK LOOK REPORT
                                                     WITHOUT 'TAB' OPTION
QL ********************************************************************************************************************************************** QL

PERMIT NUMBER FACILITY NAME SHORT
------------ ------------------------------
INSP DT  TYP INSP
-------- ------------------------------

IN0020044     ALEXANDRIA MUNICIPAL STP
04/21/88 COMPLIANCE EVAL (NON-SAMPLING)
08/03/88 RECONNAISSANCE
IN0020095     PORTLAND MUNICIPAL STP
04/11/88 RECONNAISSANCE
04/12/88 INDUSTRIAL USER INSPECTION
04/13/88 INDUSTRIAL USER INSPECTION
04/19/88 RECONNAISSANCE
IN0020109     GREENFIELD MUNICIPAL STP
01/29/88 INDUSTRIAL USER INSPECTION
05/10/88 COMPLIANCE EVAL (NON-SAMPLING)
IN0020150     YORKTOWN MUNICIPAL STP
01/18/88 RECONNAISSANCE
05/04/88 COMPLIANCE EVAL (NON-SAMPLING)
IN0020168     NOBLESVILLE MUNICIPAL STP
07/05/88 COMPLIANCE EVAL (NON-SAMPLING)
IN0020184     EDINBURGH MUNICIPAL STP
IN0020303     MARTINSVILLE MUNICIPAL STP
03/09/88 RECONNAISSANCE
IN0020362     NORTH MANCHESTER MUN. STP
04/06/88 COMPLIANCE EVAL (NON-SAMPLING)
06/02/88 RECONNAISSANCE
06/03/88 INDUSTRIAL USER INSPECTION
IN0020397     SCOTTSBURG MUNICIPAL STP
IN0020427     BREMEN
06/07/88 PRETREATMENT COMPL. INSPECTION
IN0020451     NORTH VERNON MUNICIPAL STP
02/02/88 COMPLIANCE SAMPLING
IN0020575     LINTON MUNICIPAL STP
03/02/88 INDUSTRIAL USER INSPECTION
IN0020656     KENDALLVILLE MUNICIPAL STP
06/21/88 PRETREATMENT COMPL. INSPECTION
IN0020672     AUBURN MUNICIPAL STP
04/28/88 RECONNAISSANCE
IN0020818     LEBANON MUNICIPAL STP
02/29/88 RECONNAISSANCE
05/31/88 RECONNAISSANCE
IN0020834     JASPER MUNICIPAL STP
01/19/88 COMPLIANCE SAMPLING
05/05/88 PRETREATMENT COMPL. INSPECTION
```

Figure 3-25. Quick Look Report Without "TAB" Option

```
                                                    PERMIT COMPLIANCE SYSTEM
                                                      QUICK LOOK REPORT
                                                      WITH 'TAB' OPTION
QL ********************************************************************************************************************************************** QL

PERMIT NUMBER FACILITY NAME SHORT
------------- ----------------------------
                                    INSP DT  TYP INSP
                                    -------- ----------------------------

IN0020044     ALEXANDRIA MUNICIPAL STP
                                    04/21/88 COMPLIANCE EVAL (NON-SAMPLING)
                                    08/03/88 RECONNAISSANCE
IN0020095     PORTLAND MUNICIPAL STP
                                    04/11/88 RECONNAISSANCE
                                    04/12/88 INDUSTRIAL USER INSPECTION
                                    04/13/88 INDUSTRIAL USER INSPECTION
                                    04/19/88 RECONNAISSANCE
IN0020109     GREENFIELD MUNICIPAL STP
                                    01/29/88 INDUSTRIAL USER INSPECTION
                                    05/10/88 COMPLIANCE EVAL (NON-SAMPLING)
IN0020150     YORKTOWN MUNICIPAL STP
                                    01/18/88 RECONNAISSANCE
                                    05/04/88 COMPLIANCE EVAL (NON-SAMPLING)
IN0020168     NOBLESVILLE MUNICIPAL STP
                                    07/05/88 COMPLIANCE EVAL (NON-SAMPLING)
IN0020184     EDINBURGH MUNICIPAL STP
IN0020303     MARTINSVILLE MUNICIPAL STP
                                    03/09/88 RECONNAISSANCE
IN0020362     NORTH MANCHESTER MUN. STP
                                    04/06/88 COMPLIANCE EVAL (NON-SAMPLING)
                                    06/02/88 RECONNAISSANCE
                                    06/03/88 INDUSTRIAL USER INSPECTION
IN0020397     SCOTTSBURG MUNICIPAL STP
IN0020427     BREMEN
                                    06/07/88 PRETREATMENT COMPL. INSPECTION
IN0020451     NORTH VERNON MUNICIPAL STP
                                    02/02/88 COMPLIANCE SAMPLING
IN0020575     LINTON MUNICIPAL STP
                                    03/02/88 INDUSTRIAL USER INSPECTION
IN0020656     KENDALLVILLE MUNICIPAL STP
                                    06/21/88 PRETREATMENT COMPL. INSPECTION
IN0020672     AUBURN MUNICIPAL STP
                                    04/28/88 RECONNAISSANCE
IN0020818     LEBANON MUNICIPAL STP
                                    02/29/88 RECONNAISSANCE
                                    05/31/88 RECONNAISSANCE
IN0020834     JASPER MUNICIPAL STP
                                    01/19/88 COMPLIANCE SAMPLING
                                    05/05/88 PRETREATMENT COMPL. INSPECTION
```

Figure 3-26. Quick Look Report With "TAB" Option

Blank Lines: The "Quick Look Report" features an option on the 40-card which allows blank lines to be printed between lines of data. Up to four blank lines may be inserted before the next report line is printed. For example:

```
40 NPID FNMS / /
```

will print one blank line before the next formatted line of data. Using the same example, the options for two to four blank lines before the next line of data are:

```
40 NPID FNMS / / /   (2 blank lines)
40 NPID FNMS / / / /  (3 blank lines)
40 NPID FNMS / / / / / (4 blank lines)
```

Each "/" must be separated by a space. A single "/" will indicate a new line but a blank space will not appear before the next line of printed data. On the cluster and hierarchical "Quick Look Reports", the "/" to indicate a new line may be coded at the end of the first line as illustrated in the example above, or at the beginning of a new line. For example:

```
40 NPID FNMS DTIN INSP TYPI / /
40 MVIO MVDT
```

will print a blank line of data before the measurement violation data. This could also be coded as follows:

```
40 NPID FNMS DTIN INSP TYPI
40 / / MVIO MVDT
```

Figure 3-27 and Figure 3-28 on page 3-28 illustrate a "Quick Look Report" before and after implementation of the "BLANK" option.

```
                                                  PERMIT COMPLIANCE SYSTEM
                                                     QUICK LOOK REPORT
                                                    WITHOUT BLANK LINES
QL ************************************************************************************************************************** QL
PERMIT NUMBER FACILITY NAME SHORT
------------- ------------------------------
              CS NUM                        CS EVNT CD                    CS DATE  CS ACT DT
              ----------------------------- ----------------------------- -------- ---------
              INSP DT  INSP CD                 TYP INSP
              -------- ----------------------- -----------------------------

NM0020109     SILVER CITY, TOWN OF
              01                            OPERATIONAL LEVEL ATTAINED    07/01/77 04/13/83
              06/28/88 STATE                   COMPLIANCE SAMPLING
NM0020150     BELEN, CITY OF
              01                            OPERATIONAL LEVEL ATTAINED    07/01/77 08/18/83
NM0020273     RATON CITY OF
              05/24/88 STATE                   COMPLIANCE SAMPLING
NM0020311     ROSWELL, NEW MEXICO
              309 (A) (5) (A)-MUNICIPALS    FIRST MONITORING REPORT       11/28/88
              FED. JUDICIAL DECREES         SCHEDULE DESCRIPTION
              FED. JUDICIAL DECREES         BEGIN CONSTRUCTION            06/03/83 05/31/84
              FED. JUDICIAL DECREES         END CONSTRUCTION              06/01/86 09/10/86
              FED. JUDICIAL DECREES         OPERATIONAL LEVEL ATTAINED    06/01/86 09/10/86
              PRETREATMENT                  PRETREATMENT PGM SUBMISSION   03/20/85 03/19/85
              PRETREATMENT                  1ST ANNUAL LIST-VIO INDS USERS 03/06/86 10/24/86
              PRETREATMENT                  2ND ANNUAL LIST-VIO INDS USERS 03/06/87 03/10/87
              PRETREATMENT                  3RD ANNUAL LIST-NIO INDS USERS 03/06/88 02/10/88
              05/11/88 STATE                   COMPLIANCE EVAL (NON-SAMPLING)
NM0020583     FARMINGTON-WALER, CITY OF
              30                            OPERATIONAL LEVEL ATTAINED    08/01/81 10/15/82
              04/28/88 EPA (REGIONAL)          COMPLIANCE EVAL (NON-SAMPLING)
NM0020621     INDIAN LAND-NAVAJO TRIBAL VA (
              01                            OPERATIONAL LEVEL ATTAINED    10/01/75 07/01/77
              04/27/88 EPA (REGIONAL)          PERFORMANCE AUDIT
NM0020672     GALLUP, CITY OF
              01                            OPERATIONAL LEVEL ATTAINED    05/01/74 07/01/77
              03/14/88 STATE                   PERFORMANCE AUDIT
NM0020681     TRUTH OR CONSEQUENCES, CITY OF
              02/09/88 STATE                   PERFORMANCE AUDIT
NM0020711     TUCUMCARI, CITY OF
              309 (A) (5) (A)-MUNICIPALS    OPERATIONAL LEVEL ATTAINED    06/01/86 04/01/86
              ENF SCH FOR MUN COMP STRATGY  BEGIN CONSTRUCTION            01/06/86 12/20/85
              ENF SCH FOR MUN COMP STRATGY  END CONSTRUCTION              08/01/86 10/02/86
              ENF SCH FOR MUN COMP STRATGY  OPERATIONAL LEVEL ATTAINED    09/01/86 10/01/86
              01                            OPERATIONAL LEVEL ATTAINED    07/01/77 11/23/82
NM0020737     GRANTS, CITY OF
              309 (A) (5) (A)-MUNICIPALS    1ST REPORT OF PROGRESS        09/01/88
              309 (A) (5) (A)-MUNICIPALS    2ND REPORT OF PROGRESS        10/01/88
              309 (A) (5) (A)-MUNICIPALS    3RD REPORT OF PROGRESS        11/01/88
```

Figure 3-27. Quick Look Report Without Blank Lines

```
                                                    PERMIT COMPLIANCE SYSTEM
                                                      QUICK LOOK REPORT
                                                       WITH BLANK LINES
QL ********************************************************************************************************************************************** QL

PERMIT NUMBER FACILITY NAME SHORT
------------- ----------------------------
                CS NUM                        CS EVNT CD                     CS DATE  CS ACT DT
                ----------------------------- ------------------------------ -------- --------
                INSP DT  INSP CD                 TYP INSP
                -------- ------------------------ ----------------------------

NM0020109     SILVER CITY, TOWN OF

                01                            OPERATIONAL LEVEL ATTAINED     07/01/77 04/13/83

                06/28/88 STATE                   COMPLIANCE SAMPLING


NM0020150     BELEN, CITY OF

                01                            OPERATIONAL LEVEL ATTAINED     07/01/77 08/18/83


NM0020273     RATON CITY OF

                05/24/88 STATE                   COMPLIANCE SAMPLING


NM0020311     ROSWELL, NEW MEXICO

                309 (A) (5) (A)-MUNICIPALS    FIRST MONITORING REPORT        11/28/88
                FED. JUDICIAL DECREES         SCHEDULE DESCRIPTION
                FED. JUDICIAL DECREES         BEGIN CONSTRUCTION             06/03/83 05/31/84
                FED. JUDICIAL DECREES         END CONSTRUCTION               06/01/86 09/10/86
                FED. JUDICIAL DECREES         OPERATIONAL LEVEL ATTAINED     06/01/86 09/10/86
                PRETREATMENT                  PRETREATMENT PGM SUBMISSION    03/20/85 03/19/85
                PRETREATMENT                  1ST ANNUAL LIST-VIO INDS USERS 03/06/86 10/24/86
                PRETREATMENT                  2ND ANNUAL LIST-VIO INDS USERS 03/06/87 03/10/87
                PRETREATMENT                  3RD ANNUAL LIST-NIO INDS USERS 03/06/88 02/10/88

                05/11/88 STATE                   COMPLIANCE EVAL (NON-SAMPLING)


NM0020583     FARMINGTON-WALER, CITY OF

                30                            OPERATIONAL LEVEL ATTAINED     08/01/81 10/15/82

                04/28/88 EPA (REGIONAL)          COMPLIANCE EVAL (NON-SAMPLING)
```

Figure 3-28. Quick Look Report With Blank Lines

"LAST" Inspection: The "Quick Look Report" features an option which uses the 40-card and the "40 WITH" card to identify the date of the last inspection performed at a facility. The format of the option is to enter DTIN PR on the 10-card, DTIN on the 40-card and DTIN EQ LAST on the "40 WITH" card as illustrated in the following example:

```
10 DTIN PR
20 QL
30 NPID
40 NPID FNMS DTIN INSP TYPI
40 WITH DTIN EQ LAST
```

This example would print the last inspection for the facility specified by the user.

DTIN PR on the 10-card assures that only facilities that have had inspections will be selected. The user may specify other 10-cards. Additional "40 WITH" cards may also be selected to limit the kind of inspection the user wishes to select. However, "40 WITH DTIN EQ LAST" must always be the last "40 WITH" card. For example, if a user is interested in the last EPA inspection to be conducted at each of the facilities in his Region, the retrieval would be coded as follows:

```
10 DTIN PR
20 QL
30 NPID
40 NPID FNMS DTIN INSP TYPI
40 WITH INSP AL R
40 WITH INSP AL J
40 WITH DTIN EQ LAST
```

Figure 3-29 illustrates a "Quick Look Report" using the "LAST" Inspection Option.

Note: "LAST" can also be used on the DTIA (Pretreatment Audit/PCI Inspection Date) field.

```
                                                PERMIT COMPLIANCE SYSTEM
                                                  QUICK LOOK REPORT
                                              WITH 'LAST' INSPECTION OPTION
QL ********************************************************************************************************************************** QL

NPID      FNMS                          DTIN     INSP TYPI
--------- ----------------------------- -------- ---- ----
TN0020044 MARTIN STP                    04/08/88 S    R
TN0020052 SWEETWATER STP                08/09/88 J    A
TN0020079 MARYVILLE STP                 10/28/87 R    A
TN0020095 KINGSPORT STP                 03/16/88 S    P
TN0020117 GATLINBURG STP                07/07/87 S    S
TN0020141 GALLATIN STP                  12/29/88 S    P
TN0020478 DAYTON STP                    06/27/88 S    G
TN0020494 LENOIR CITY STP               01/06/88 S    B
TN0020516 RED BANK STP                  04/19/88 S    P
TN0020532 LAFOLLETTE STP                08/28/87 S    A
TN0020541 SMYRNA                        12/30/87 S    G
TN0020575 NASHVILLE CENTRAL STP         03/02/88 S    S
TN0020648 NASHVILLE - DRY CREEK         10/27/87 T    S
TN0020656 CLARKSVILLE STP               03/03/88 S    G
TN0020672 ROGERSVILLE STP               04/21/88 S    R
TN0020702 NEWPORT STP                   03/30/88 S    G
TN0020711 MEMPHIS-NORTH STP/DPW         07/10/87 S    C
TN0020729 MEMPHIS-TE MAXSON STP SO PLT  04/26/88 J    I
TN0020800 MOUNT PLEASANT STP            12/17/87 S    P
TN0020877 LAFAYETTE STP                 09/20/87 R    C
TN0020885 OLIVER SPRINGS STP            03/07/88 S    C
TN0020982 COVINGTON STP                 01/27/88 S    C
TN0021229 GREENEVILLE STP               03/02/88 S    C
TN0021237 PIGEON FORGE                  07/07/87 S    S
TN0021261 TOWN OF SPRING CITY           12/09/87 S    P
TN0021580 UNION CITY STP                04/08/88 S    R
TN0021679 BROWNSVILLE STP               12/17/87 S    P
TN0021687 PULASKI STP                   08/24/88 R    S
TN0021814 FAYETTEVILLE STP              05/27/88 S    P
TN0021822 KNOXVILLE-LOVES CREEK STP     12/09/87 S    S
TN0021857 WINCHESTER STP                09/08/87 R    C
TN0021890 MILAN STP                     04/15/88 S    P
TN0021920 OLD HICKORY U. D.             06/10/87 S    S
TN0022551 LAWRENCEBURG STP              12/17/87 S    P
TN0022586 MURFREESBORO-SINKING CR STP   06/21/88 R    P
TN0022888 LEWISBURG STP                 03/19/88 S    P
TN0023001 ERWIN STP                     06/22/88 S    C
TN0023353 FIRST U.D. KNOX CO.-TURKEY CR 09/15/87 S    C
TN0023469 TULLAHOMA STP                 11/19/87 R    A
TN0023477 DYERSBURG STP                 05/13/88 S    P
TN0023507 MORRISTOWN STP                01/14/88 S    P
TN0023515 ELIZABETHTON STP              05/04/88 S    P
TN0023531 BRISTOL STP #2                04/27/88 S    R
```

Figure 3-29. Quick Look Report With "Last" Inspection Option

3.1.4 Quick Look Print Line Specification

The "Quick Look Report" (-- Fig 'FSFCQLT' unknown -- through Figure 3-4 on page 3-4) is a versatile report format which allows the user to specify those data elements which are to be displayed. In generating a "Quick Look Report," the 20, 30, and 40 cards may be used and values on each entered.

The 40-card determines which data elements will be displayed on a "Quick Look Report". The 40-card contains a list of data element acronyms. The order in which these acronyms are listed is the same order in which the data element values will appear on the report line. For example,

```
40 FNMS MADI PERD PERE
```

would produce a listing which contains the facility name (short), the major indicator, the permit issue date, and the permit expiration date. All of these would be listed on the same line. "40 WITH" cards may be used to further qualify the display of data on a "Quick Look Report".

The PCS Generalized Retrieval subsystem also allows the user to select data to be printed based on a comparison of two data items on the 40-card. This comparison may be within a family (e.g., parameter limits date and measurement date) or between facility data and any other data type. For example, the following retrieval statements illustrate the use of data comparison on the 40-card.

```
20 QL SUPPRESS=YES
30 NPID
40 NPID FNMS PERD PERE DTIN INSP TYPI
40 WITH DTIN
40 WITH GT
40 WITH PERE
```

In this example, only the inspections that occurred after the permit expiration data would be printed.

When comparing two items on the 40-card the "40 WITH" that follows the line to be printed must be within the same data family. Currently print comparisons do not allow the user to select a particular occurrence of a repeating data type (e.g., permit tracking events).

Decimal alignment has been designed for the following acronyms: FLOW, LCMN, LCAV, LQAV, LQMX, LCMX, MCAV, MCMX, MQAV, AND MQMX. To make use of this option, the user will place the letter 'N' directly after the acronym. Decimal aligned acronyms will only be valid on 30, 40, and 40 WITH cards. When specifying a value on a 40 WITH card the value must be in standard units.

```
40 NODI MCAVN MCMNN
40 WITH MCAVN GE 10
```

The "Quick Look Report" features various options and is of two different types: the "Cluster Quick Look Report" or the "Hierar- chical Quick Look Report". "Quick Look Report" options and formats are discussed in the subsections which follow.

3.1.4.1 Cluster Quick Look Report

In the "Cluster Quick Look Report" (Figure 3-2 on page 3-2), up to five different lines of information per permitted facility may be specified in the retrieval request. This information may be from a single data family or several data families depending upon which format is chosen for the report. There are two formats available when using the "Cluster Quick Look Report", the single family format or the multi-family format. Rules applicable to each are discussed in the subsections below.

Single Family Format: In a "Cluster Quick Look Report" with a single family format, the data elements specified by acronyms on the 40-cards must be selected from one data family only. The single family "Cluster Quick Look Report" requires 40-cards and "40 / " cards with the following format.

```
40 ACRONYM1A ACRONYM1B ACRONYM1C
40 WITH ACRONYM OPERATOR VALUE
40 / ACRONYM2A ACRONYM2B ACRONYM2C
40 WITH ACRONYM OPERATOR VALUE
```

Where "ACRONYM1A", "ACRONYM1B," "ACRONYM1C" and "ACRONYM2A" "ACRONYM2B" and "ACRONYM2C" all correspond to different data elements from one data family. The retrieval request may contain from one to five 40-cards. The second and all subsequent 40-cards must be identified as separate lines of data in the retrieval request. A "/" after the 40 on a line of data or at the end of the previous line serves to identify a new line (See "Blank Lines" on page 3-26). "40 WITH" cards may accompany any of the corresponding data types. When specifying a single family "Cluster Quick Look Report" the following rules apply to the retrieval request:

1. Only data from one family may be requested on any of the 40- cards. The PCS data families are indicated by the vertical groups shown in Figure 2-1 on page 2-3.
2. Permit facility data, which belongs to all of the data families, may appear in any line of the report. However, any 40-cards with permit facility acronyms only must appear as the first lines of the retrieval request.
3. All of the data types within a data family may be represented, but it is not required. If different data types from the same data family are selected they may appear on the same line or in separate consecutive lines.
4. Any data type within the data family chosen for the report is permissible for sorting.
5. "40 WITH" cards are optional. However, if used, they must (a) immediately follow the card being qualified and (b) meet the requirement that the first acronym of the "40 WITH" card be of either the same data type or higher data type in the same family as the last acronym on the 40-card it is qualifying.

For example, assume the user wishes to see all enforcement actions for specified facilities by the date of the action along with any comments associated with the enforcement action. The 30-card and 40-cards would be formatted as follows:

```
30 NPID ENDT
40 NPID FNMS MADI
40 / ENDT ERFN ENAC ECM1 ECM2
40 / ECM3 ECM4 ECM5
```

Multi - Family Format: In a "Cluster Quick Look Report" with a multi-family format the data elements specified by acronyms on the 40-cards must be selected from two or more data families. The multi-family "Cluster Quick Look Report" requires 40-cards and "40 / " cards with the following format:

```
40 ACRONYM1A ACRONYM1B ACRONYM1C
40 WITH ACRONYM OPERATOR VALUE
40 / ACRONYM2A ACRONYM2B ACRONYM2C
40 WITH ACRONYM OPERATOR VALUE
```

Where "ACRONYM1A", "ACRONYM1B", and ACRONYM1C" correspond to different data elements from one data family, and "ACRONYM2A", "ACRONYM2B", and "ACRONYM2C" correspond to acronyms of another data family. The retrieval request may contain from one to five 40-cards. The second and all subsequent 40-cards must be identified as separate lines of data in the retrieval request. A "/" after the 40 on a line of data or at the end of a previous line serves to identify a new line (See "Blank Lines" on page 3-26). When specifying a multi-family "Cluster Quick Look Report" the following rules apply:

1. A maximum of five different families of data may be displayed in a multi-family cluster report. Each family's data must be requested on sequential lines of the 40-card, one family per line, with the exception of the single line multi-family report. The single line multi-family report may contain data from any of the PCS data families. The PCS data families are indicated by the vertical groups shown in Figure 2-1 on page 2-3.
2. Permit facility data which belongs to all of the data families may appear in any line of the report. However, any 40-cards with permit facility acronyms only must appear as the first lines of the retrieval request.
3. More than one line of data may be displayed for a single data family. However, multiple lines for any family must appear on consecutive lines in the retrieval request. If different data types from the same family are selected they may appear on the same line or in separate consecutive lines.
4. Only sorting at the permit facility level is permissible.
5. "40 WITH" cards are optional. However, if used, they must (a) immediately follow the card being qualified and (b) meet the requirement that the first acronym of the "40 WITH" card be of either the same data type or higher data type in the same family as the last acronym on the 40 card it is qualifying.

For example, suppose the user would like a report that displays permit facility, compliance schedule family, and enforcement information. The user is interested in any compliance schedules which have been set for selected facilities and any violations of those schedules. The user would also like to view any enforcement actions which have been taken against the facilities.

The 40-cards would be formatted as follows:

```
40 NPID FNMS CNTN CYNM FDGR          (Permit Facility Data)
40 / OFFL TELE                       (Permit Facility Data)
40 / CSCH DTSC EVNTD DTSC DTAC COMM  (Compliance Sched Data)
40 / CVEV VDCD CVDT CVIOD            (Compliance Schedule
                                     Violation Data)
40 / ENAC ENDT EFRN ENSTD ESDT       (Enforcement Action
                                     Data)
```

3.1.4.2 Hierarchical Quick Look Report

The "Hierarchical Quick Look Report", as the name implies, is a report specified only for those data families in PCS which are hierarchical in nature, the effluent family, the inspection family, the compliance schedule family, and the enforcement action family. As in the "Cluster Quick Look Report," the retrieval request may contain up to five 40-cards. However, all information to be displayed must fall into the same family in hierarchical order. The "Hierarchical Quick Look Report" has four formats, the compliance schedule family format, the effluent family format, the inspection family format, and the enforcement action family. Rules applicable to each are discussed in the subsections below.

Compliance Schedule Hierarchical Format: The compliance schedule "Hierarchical Quick Look Report" (Figure 3-3 on page 3-3) contains information from the compliance schedule family only. The compliance schedule "Hierarchical Quick Look Report" requires 40-cards and "40 / " cards with the following format:

```
40 ACRONYM1A ACRONYM1B ACRONYM1C
40 WITH ACRONYM OPERATOR VALUE
40 / ACRONYM2A ACRONYM2B ACRONYM2C
40 WITH ACRONYM OPERATOR VALUE
```

Where "ACRONYM1A", "ACRONYM1B", and "ACRONYM1C" correspond to different data elements from the compliance schedule data type, and "ACRONYM2A," "ACRONYM2B," and "ACRONYM2C" correspond to data elements from the compliance schedule violation data type. The second and all subse-

quent 40-cards must be identified as separate lines of data in the retrieval request. A "/" after the 40 on a line of data or at the end of the previous line serves to identify a new line (see "Blank Lines" on page 3-26). "40 WITH" cards may accompany any of the corresponding data types. When specifying a compliance family "Hierarchical Quick Look Report" the following rules apply:

1. The report option HIER = YES must be specified on the 20-card. (See ""HIER = " Option" on page 3-24).
2. Compliance schedule data and compliance schedule violation data must be requested on separate 40-card lines, in PCS hierarchical order (See Figure 2-1 on page 2-3). Multiple lines of compliance schedule or compliance schedule violation data may be requested. However, any additional lines of compliance schedules data must be requested on consecutive 40-cards in the retrieval before any compliance schedule violation data is specified.
3. Any 40-cards, with permit facility acronyms only must appear as the first lines of the retrieval request. Permit facility data, which belongs to all of the data families, may appear in any line of the report as long as it appears ahead of the compliance schedule acronyms.
4. Only permit facility level sorting is permissible.
5. Any "40 WITH" cards used must; (a) immediately follow the card being qualified, and (b) meet the requirement that the first acronym of the "40 WITH" card be of the same data type or higher, as the last acronym on the 40-card it is qualifying.

For example, assume the user wishes to identify all the compliance schedules which have had violations in a particular State and is also interested in any comments that may be associated with the compliance schedule or the compliance schedule violation. The 20-card must be coded as follows:

```
20 QL HIER=YES
```

The 40-cards would be formatted as follows:

```
40 NPID FNMS MADI INCL
40 / TAB5 CSCH DSCD EVNTD DTSC DTAC CSFN DTRC
40 / TAB10 COMM
40 / TAB20 VCSN VDCD CVEV CVDT CVIO VDTS VDTR
40 / TAB25 VCMT
```

Effluent Hierarchical Format: The effluent "Hierarchical Quick Look Report" (Figure 3-4 on page 3-4) contains information from only the effluent family. The effluent family "Hierarchical Quick Look Report" requires 40-cards and "40 / " cards with the following format:

```
40 ACRONYM1A ACRONYM1B ACRONYM1C
40 WITH ACRONYM OPERATOR VALUE
40 / ACRONYM2A ACRONYM2B ACRONYM2C
40 WITH ACRONYM OPERATOR VALUE
```

Where "ACRONYM1A", "ACRONYM1B" and "ACRONYM1C" correspond to different data elements of one data type from the effluent family and "ACRONYM2A", "ACRONYM2B" and "ACRONYM2C" correspond to acronyms of another subordinate data type from the effluent family. The second and all subsequent 40-cards must be identified as separate lines of data in the retrieval request. A "/" after the 40 on a line of data or the end of the previous line serves to identify a new line (see "Blank Lines" on page 3-26). "40 WITH" cards may accompany any of the corresponding data types. When specifying an effluent family "Hierarchical Quick Look Report" the following rules apply:

1. The report option "HIER = YES" must be specified on the 20-card (See "Blank Lines" on page 3-26).
2. At least two of the three effluent data types must be represented in the report. They must be requested on separate lines of the 40-cards in PCS hierarchical order. Multiple lines of an effluent data type may be requested. However, if multiple lines for any one data type are requested they must appear on consecutive 40-cards in the retrieval.

3. Any 40-cards, with permit facility acronyms only must appear as the first lines of the retrieval request. Permit facility data, which belongs to all of the data families, may appear on any line of the report as long as it appears ahead of the effluent acronyms.
4. Only sorting at the permit facility level is permissible.
5. Any "40 WITH" cards used must; (a) immediately follow the card being qualified and (b) meet the requirement that the first acronym of the "40 WITH" card be of the same data type or higher, as the last acronym on the 40-card it is qualifying.

As an example, suppose the user wishes to view permit facility, pipe schedule, parameter limits, and measurement violation data for certain permitted facilities for FY 1985. Additionally, the user is only interested in BOD measurement data. The 20-card must be coded as follows:

```
20 QL HIER=YES
```

The 40-cards might take the following format:

```
40 NPID FFID FNMS FLAT FLON FLLCD     (Permit Facility Data)
40 / DSCH DRID PIPE PIACD WASTD       (Pipe Schedule Data)
40 / PIC1 PIC2 PIC3 PIC4              (Pipe Schedule Data)
40 / PRAMD SAMPD LCSA LCSX LCSCD      (Parameter Limits Data)
40 WITH PRAM EQ 00310                 (BOD)
40 / NODI MVDT MCAV MCMX VCAV         (Measurement Violation
                                      Data)
40 WITH MVDT LT 10085                 (Measurement Data after
                                      09/30/84)
40 WITH MVDT LT 10085                 (Measurement Date after
                                      10/01/85)
```

Inspection Hierarchical Format: The inspection "Hierarchical Quick Look Report" (Figure 3-5 on page 3-5) contains information from only the inspection family. The inspection family "Hierarchical Quick Look Report" requires 40-cards and "40 / " cards with the following format:

```
40 ACRONYM1A ACRONYM1B ACRONYM1C
40 WITH ACRONYM OPERATOR VALUE
40 / ACRONYM2A ACRONYM2B ACRONYM2C
40 WITH ACRONYM OPERATOR VALUE
```

Where "ACRONYM1A", "ACRONYM1B" and "ACRONYM1C" correspond to different data elements of one data type from the inspection family and "ACRONYM2A", "ACRONYM2B" and "ACRONYM2C" correspond to acronyms of another subordinate data type from the inspection family. The second and all subsequent 40-cards must be identified as separate lines of data in the retrieval request. A "/" after the 40 on a line of data or the end of the previous line serves to identify a new line (see "Blank Lines" on page 3-26). "40 WITH" cards may accompany any of the corresponding data types. When specifying an inspection family "Hierarchical Quick Look Report" the following rules apply:

1. The report option "HIER = YES" must be specified on the 20-card (See "Blank Lines" on page 3-26).
2. At least two of the three inspection data types must be represented in the report. They must be requested on separate lines of the 40-cards in PCS hierarchical order. Multiple lines of an inspection data type may be requested. However, if multiple lines for any one data type are requested they must appear on consecutive 40-cards in the retrieval.
3. Any 40-cards, with permit facility acronyms only must appear as the first lines of the retrieval request. Permit facility data, which belongs to all of the data families, may appear on any line of the report as long as it appears ahead of the inspection acronyms.
4. Only sorting at the permit facility level is permissible.

5. Any "40 WITH" cards used must; (a) immediately follow the card being qualified and (b) meet the requirement that the first acronym of the "40 WITH" card be of the same data type or higher, as the last acronym on the 40-card it is qualifying.

As an example, suppose the user wishes to view permit facility, inspection schedule, inspection, and PCI/Audit Inspection data for certain permitted facilities for FY 1985. Additionally, the user is only interested in inspections that were schedule during the first inspection quarter of 1986. The 20-card must be coded as follows:

```
20 QL HIER=YES
```

The 40-cards might take the following format:

```
40 NPID FNMS MADI                    (Permit Facility Data)
40 / SDTI STYP SINS SIDT SIQR ISC1   (Inspection Schedule Data)
40 WITH SIQR EQ 186                  (scheduled during 1st
                                     inspection quarter of 1986
40 / DTIN TYPI BIOM INSP POHR ICN3   (Inspection Data)
40 / DTIA IATY SIUS CIUS             (PCI/Audit Data)
```

Enforcement Action Hierarchical Format: The enforcement action "Hierarchical Quick Look Report" (Figure 3-6 on page 3-6) contains information from the enforcement action family only. The enforcement action "Hierarchical Quick Look Report" requires 40-cards and "40 / " cards with the following format:

```
40 ACRONYM1A ACRONYM1B ACRONYM1C
40 WITH ACRONYM OPERATOR VALUE
40 / ACRONYM2A ACRONYM2B ACRONYM2C
40 WITH ACRONYM OPERATOR VALUE
```

Where "ACRONYM1A", "ACRONYM1B", and "ACRONYM1C" correspond to different data elements from the enforcement action data type, and "ACRONYM2A," "ACRONYM2B," and "ACRONYM2C" correspond to data the following rules apply:

1. The report option HIER = YES must be specified on the 20-card. (See ""HIER = " Option" on page 3-24).
2. Enforcement action data and enforcement action key data must be requested on separate 40-card lines, in PCS hierarchical order (See Figure 2-1 on page 2-3). Multiple lines of enforcement action or enforcement action key data may be requested. However, any additional lines of enforcement action data must be requested on consecutive 40-cards in the retrieval before any enforcement action key data is specified.
3. Any 40-cards with permit facility acronyms only must appear as the first lines of the retrieval request. Permit facility data, which belongs to all of the data families, may appear in any line of the report as long as it appears ahead of the enforcement action acronyms.
4. Only permit facility level sorting is permissible.
5. Any "40 WITH" cards used must; (a) immediately follow the card being qualified, and (b) meet the requirement that the first acronym of the "40 WITH" card be of the same data type or higher, as the last acronym on the 40-card it is qualifying.

For example, if the user wishes to identify all the enforcement actions which have had compliance schedule violations, the 20-card must be coded as follows:

```
20 QL HIER=YES
```

The 40-cards would be formatted as follows:

```
40  NPID FNMS MADI INCL
40 / ENDT ENAC EATP ENST ESDT ERFN
40 / TAB5 ECM1 ECM2 ECM3
40 / TAB7 EKDT EKAC EKTP EVTP
40 / TAB9 EVSN EVCD EVEV ECVC ECVD
```

3.1.4.3 Pretreatment Hierarchical Quick Look Report

The "Hierarchical Quick Look Report", has a special purpose for pretreatment data. This report allows information on Pretreatment Control Authorties and Industrial Users to be linked with other NPDES Pretreatment facilities. See Figure 3-30 for a sample of the Pretreatment Hierarchical Quick Look Report.

```
                                   PCS RETRIEVAL REQUEST EDIT REPORT
                                   FOR JOB MVM       SUBMITTED 06/20/90

RETRIEVAL
STATEMENTS                                                                      ERRORS
------------------------------------------------------------------   ----------------------------------
00 SYNTAX=NO JOBID=PQL01 PRTY=2 RMT=255 TIME=2M COPIES=1
01 HQ SYSTEM TEST MEMBER: PQL01  A USER FORMATTED REPORT WHICH DISPLAYS
02    THE PPETS DATA FOR A STATE W/RECOMMENDED SORT CARD
10 STTE EQ NY
10 MADI EQ M
10 PTYP LE Z
10 IACC LE Z
20 QL
30 CAID RPID PRETD NPID
40 CAID RPID PRETD NPID FTYP TYPO SIC2 CFRC INCL

       ** DEFAULTS IN EFFECT **

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

 06/20/90                                                                                  PAGE:      9
                         SYSTEM TEST MEMBER: PQL01  A USER FORMATTED REPORT WHICH DISPLAYS
                               THE PPETS DATA FOR A STATE W/RECOMMENDED SORT CARD
QL ****************************************************************************************************** QL

CAID      RPID      PRET                          NPID      FTYP TYPO SIC2 CFRC  INCL
--------- --------- ----------------------------- --------- ---- ---- ---- ----- ----
NY0026018           APPROVED PRET PGM             NY0026018 M    PUB  4952        M
NY0026042           APPROVED PRET PGM             NY0026042 M    PUB  4952        M
NY0026051           APPROVED PRET PGM             NY0026051 M    PUB  4952        M
NY0026131           APPROVED PRET PGM             NY0026131 M    PUB  4952        M
NY0026255           APPROVED PRET PGM             NY0026255 M    PUB  4952        M
NY0026280           APPROVED PRET PGM             NY0026280 M    PUB  4952        M
NY0026450           APPROVED PRET PGM             NY0026450 M    PUB  4952        M
NY0026514           APPROVED PRET PGM             NY0026514 M    PUB  4952        M
NY0026620           APPROVED PRET PGM             NY0026620 M    PUB  4952        M
NY0026638           APPROVED PRET PGM             NY0026638 M    PUB  4952        M
NY0026701           APPROVED PRET PGM             NY0026701 M    PUB  4952        M
NY0026701 NY0026697 COVERED BY POTW CONTROL AUTHOR NY0026697 M   PUB  4952        M
NY0026701 NY0026719 COVERED BY POTW CONTROL AUTHOR NY0026719 M   PUB  4952        M
NY0026701 NY0026786 COVERED BY POTW CONTROL AUTHOR NY0026786 M   PUB  4952        M
NY0026875           APPROVED PRET PGM             NY0026875 M    PUB  4952        M
NY0027049           APPROVED PRET PGM             NY0027049 M    PUB  4952        M
NY0027057           APPROVED PRET PGM             NY0027057 M    PUB  4952        M
NY0027081           APPROVED PRET PGM             NY0027081 M    PUB  4952        M
NY0027162           APPROVED PRET PGM             NY0027162 M    PUB  4952        M
NY0027561           APPROVED PRET PGM             NY0027561 M    PUB  4952        M
NY0095401           APPROVED PRET PGM             NY0095401 M    PUB  4952        M
NY0104809           APPROVED PRET PGM             NY0104809 M    PUB  4952        M
```

Figure 3-30. Pretreatment Hierarchy Quick Look Report

The following information give the specifics required for requesting the report.

10-Card Selection: Pretreatment data can be displayed in a hierarchical format. This will combine Pretreatment Control Authority POTWs and Industrial User pretreatment records.

The full use of 10-cards is permitted for this report. When running this report, keep in mind that the system default of PTYP AB should be overriden in order to select the State/Regional Control Authority, Unpermitted, and Industrial Pretreatment records.

10-cards should be used that will limit the facility to PPETS data. PPETS data is determined by the values entered in the Permit Type (PTYP) and Pretreatment (PRET) fields.

```
PTYP = 'C' - State/Region PPETS Control Authority
PTYP = 'P' - PPETS Industrial Users
PRET = 'Y' - Delegated POTW PPETS Control Authority
PRET = 'M' - PPETS POTW covered by State/Regional Control
             Authority
PRET = 'C' - PPETS POTW covered by delegated Control Authority.
```

Specific use of these values on the 10-card will ensure that the desired PPETS permits will be displayed on the PH report.

Here are some examples:

```
10 STTE EQ CT
10 PTYP LE Z
```

Through the selection statements above PPETS NPIDs (permit numbers) will be extracted in the State of Connecticut. The selection statements above would generate all Control Authorities in Connecticut with their related POTWs (publicly owned treatment works) and IUS(industrial users).

In the next example, the specific 10-card selections would generate all NPIDs with a CAID (Control Authority Identification Number) equal to CTC000141, and exclude all Industrial User permits (PTYP NE P). The PH Report would display the selected Control Authority Record with its related POTWs:

```
10 CAID EQ CTC000141
10 PTYP EQ P
```

20 Report Card Type: The 20-card can use all of the standard Quicklook options.

30 Report Sort Card

```
30 CAID RPID PRET-D NPID
```

This will group all facilities displayed in the following order:

- State-level Control Authorities
- POTW-level Control Authorities
- POTWs covered by another Control Authority
- Industrial User facilities

40 Print Card: The 40-card (display) must begin with the acronyms used on the 30-card.

After using these acronyms you may use other acroyms when displaying data.

The 40-cards could be formatted as follows:

```
40 CAID RPID PRET NPID
40 / INSP TYPI DTIN DTIA
```

3.1.5 Quick Look Examples

3.1.5.1 Single Line Quick Look Report

The retrieval example in Figure 3-31 on page 3-39 illustrates a single line "Quick Look Report".

```
                                   PCS RETRIEVAL REQUEST EDIT REPORT
                                   FOR JOB MVM#71   SUBMITTED 09/29/88

RETRIEVAL
STATEMENTS                                                                        ERRORS
----------------------------------------------------------------------    ------------------------------------
00 SYNTAX=NO JOBID=#71 TIME=9M RMT=255 PRTY=3 BIN=MUUU COPIES=1
01 HQ    PERMIT COMPLIANCE SYSTEM
02       QUICK LOOK REPORT
03       MAJOR FLORIDA FACILITIES
04       WITH INSPECTIONS IN FY 1988
10 STTE EQ FL
10 MADI EQ M
10 DTIN GE 100187
10 DTIN LE 093088
20 QL SUPPRESS=YES TOP=YES SKIP=1
30 NPID DTIN
40 NPID FNMS DTIN TYPI INSP
40 WITH DTIN GE 100187
40 WITH DTIN LE 093088

        ** DEFAULTS IN EFFECT **

10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

                                        PERMIT COMPLIANCE SYSTEM
                                          QUICK LOOK REPORT
                                        MAJOR FLORIDA FACILITIES
                                       WITH INSPECTIONS IN FY 1988
QL ****************************************************************************************************************************** QL

 NPID       FNMS                            DTIN     TYPI INSP
 --------- ------------------------------ -------- ---- ----
 FL0000035 DU PONT DE NEMOURS LAWTEY       12/02/87 A     J

 FL0000043 TROPICANA PROD                  06/29/88 C     R

 FL0000051 DU PONT DE NEMOURS STARKE       12/02/87 A     J

 FL0000060 REICHHOLD CHEM JAX              03/24/88 C     R

 FL0000132 FL PWR CORP-BARTOW STEAM        02/23/88 C     J

 FL0000159 FL PWR CORP-CRYSTAL RIVER N&S   12/10/87 C     J

 FL0000183 FL PWR CORP-SUWANNEE RIV STEAM  06/09/88 C     R

 FL0000191 FL PWR CORP-TURNER STEAM        06/16/88 C     R

 FL0000281 NEKOOSA PACKAGING               10/13/87 A     S
                                           10/14/87 S     S
                                           12/07/87 A     R

 FL0000302 MOBIL OIL FT MEADE MINE         04/13/88 C     R

 FL0000311 MOBIL OIL NICHOLS MINE          04/13/88 C     R

 FL0000345 AGRICO MINING - SADDLE CREEK    01/04/88 C     R

 FL0000388 AGRICO MINING - PIERCE DRYING   01/05/88 C     R
```

Figure 3-31. Single Line Quick Look Report

The 10-cards select permitted facilities in Florida if they are major facilities and if they were inspected in FY 1985. "SUPPRESS = YES" was specified on the 20-card to ensure that the permit facility level data is printed only once per facility. "SKIP = 1" allows for one blank line before information on the next permitted facility is printed. The 30-card requests that the selected permitted facilities be sorted by NPDES number and inspection date. The "40 WITH" cards are used in this example so that only FY 1985 inspections are displayed even though a permitted facility could have other inspections.

3.1.5.2 Cluster Quick Look Report

The retrieval example in Figure 3-32 on page 3-41 illustrates a cluster "Quick Look Report." The 10-cards select permitted facilities in Florida if they are major facilities and if they were inspected in FY 1985. On the 20-card, "TOP = YES" causes the column headings to print once at the top of the page and "SKIP = 1" allows a blank line to be printed between facilities. The 30-card requests that the permitted facilities be sorted by NPDES number. Each of the three display lines for a permitted facility contains data from a different family. The first line contains permit facility data, the second line contains inspection data, and the third line contains compliance schedule data.

```
                                         PCS RETRIEVAL REQUEST EDIT REPORT
                                         FOR JOB MVM#72    SUBMITTED 09/30/88

RETRIEVAL
STATEMENTS                                                                  ERRORS
----------------------------------------------------------------------   --------------------------------------------
00 SYNTAX=NO JOBID=#72 TIME=2M RMT=255 PRTY=2 BIN=MUUU COPIES=1
01 HQ   PERMIT COMPLIANCE SYSTEM
02      QUICK LOOK REPORT
03      MAJOR FLORIDA FACILITIES W/ INSPECTIONS IN FY 1988
04      INCLUDING COMPLIANCE SCHEDULE INFORMATION
10 STTE EQ FL
10 MADI EQ M
10 DTIN GE 100187
10 DTIN LE 093088
20 QL SUPPRESS=NO TOP=YES SKIP=1
30 NPID FNMS
40 NPID FNMS PERD PERE INSP
40 / TAB10 DTIN TYPI INSP
40 WITH DTIN GE 100187
40 WITH DTIN LE 093088
40 / TAB10 EVNT EVNTD DTSC DTAC DTRC

        ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

                                                    PERMIT COMPLIANCE SYSTEM
                                                       QUICK LOOK REPORT
                                          MAJOR FLORIDA FACILITIES W/ INSPECTIONS IN FY 1988
                                              INCLUDING COMPLIANCE SCHEDULE INFORMATION
QL ************************************************************************************************************************** QL

NPID      FNMS                          PERD     PERE     INSP
--------- ----------------------------- -------- -------- ----
          DTIN     TYPI INSP
          -------- ---- ----
          EVNT  EVNT                          DTSC     DTAC     DTRC
          ----- ----------------------------- -------- -------- --------

FL0000035 DU PONT DE NEMOURS LAWTEY     09/12/88 09/30/93 J
          12/02/87 A    J

FL0000043 TROPICANA PROD                11/30/82 11/30/87 R
          06/29/88 C    R

FL0000060 REICHHOLD CHEM JAX            03/09/84 03/31/89 R
          03/24/88 C    R
          00099 SCHEDULE DESCRIPTION                     08/18/87 08/18/87
          60699 CORRECTIVE ACTION PLAN SUBMTD  09/30/87 10/15/87 10/15/87
          00099 SCHEDULE DESCRIPTION                     08/22/88 08/22/88
          03599 1ST RPT CONSTRUCTION PROGRESS  09/01/88
          05699 FINAL COMPLIANCE W/EFF LIMITS  11/01/88

FL0000078 CENTRAL PHOSPHATES PLT CITY   09/09/85 09/30/90 R
          10/29/87 C    R

FL0000132 FL PWR CORP-BARTOW STEAM      09/27/84 10/31/89 J
          02/23/88 C    J
          00099 SCHEDULE DESCRIPTION
          00199 1ST REPORT OF PROGRESS        12/01/84 12/11/84 12/11/84
          00299 2ND REPORT OF PROGRESS        03/01/85 03/05/85 03/05/85
          00399 3RD REPORT OF PROGRESS        11/30/85 08/01/86 08/01/86
          05599 OPERATIONAL LEVEL ATTAINED    07/01/81 07/01/81 07/01/81
          34099 SUBMIT STUDY PLAN             09/30/81 01/04/82 01/04/82
          21599 SPECIAL STUDY                 03/31/77 03/31/77 03/31/77
          00199 1ST REPORT OF PROGRESS        06/30/77 06/30/77 06/30/77
```

Figure 3-32. Cluster Quick Look Report

3.1.5.3 Hierarchical Quick Look Report

The retrieval example in Figure 3-33 on page 3-43 illustrates a hierarchical "Quick Look Report" for the effluent family. The 10-cards select permitted facilities in New York if they are major facilities and if they had a measurement violation in the first quarter of FY 1985. There are four lines of data from the effluent family displayed for each permitted facility. The first line contains permit facility data, the second line contains pipe schedule data, the third line contains parameter limits data, and the fourth line contains measurement violation data. Note that the "RESTRICT = YES" option was specified so that pipe schedule and parameter limits information were printed only for those facilities that have measurement violations between 10/01/85 and 12/31/85.

```
                                        PCS RETRIEVAL REQUEST EDIT REPORT
                                        FOR JOB MVM#73   SUBMITTED 09/30/88

RETRIEVAL
STATEMENTS                                                                     ERRORS
-----------------------------------------------------------------------   ----------------------------------
00 SYNTAX=NO JOBID=#73 TIME=2M RMT=255 PRTY=2 BIN=MUUU COPIES=1
01 HQ   PERMIT COMPLIANCE SYSTEM
02      QUICK LOOK REPORT
03      HIERARCHICAL REPORT - EFFLUENT FAMILY
04      ACTIVE PERMIT ONLY
10 STTE EQ NY
10 MADI EQ M
10 TYPO EQ FED
20 QL HEADERS=LONG TOP=YES RESTRICT=YES SKIP=1 GHOST=NO ARCH=NO
30 NPID
40 NPID FNMS PERD PERE
40 / TAB5 DSDG ILSD ILED MLSD MLED FLSD FLED
40 / TAB10 PRAM LTYP MLOC MODN ELSD ELED
40 / TAB15 MVDT MVIO SNCE SNDE SRCE SRDE
40 WITH MVDT GE 100187
40 WITH MVDT LE 123187

        ** DEFAULTS IN EFFECT **

10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

                                                     PERMIT COMPLIANCE SYSTEM
                                                        QUICK LOOK REPORT
                                              HIERARCHICAL REPORT - EFFLUENT FAMILY
                                                       ACTIVE PERMIT ONLY
 QL ****************************************************************************************************************** QL

 PERMIT NUMBER FACILITY NAME SHORT            ISSUE DATE EXPIRE DATE
 ------------- ------------------------------ ---------- -----------
      DISCH/RPT DESIG INIT LIM STRT DT INIT LIM END DT INTERIM LIM STRT DT INTERIM LIM END DT FINAL LIM STRT DT FINAL LIM END DT
      --------------- ---------------- --------------- -------------------- ------------------ ----------------- ----------------
           PARAMETER CODE LIM TYPE MON LOC MOD NUM MOD STRT DT MOD END DT
           -------------- -------- ------- ------- ----------- ----------
                MEAS VIO DT MEAS VIO EVNT CD EFFL SNC CD EFFL SNC DT SNC RESOLUTION CODE SNC RESOLUTION DATE
                ----------- ---------------- ----------- ----------- ------------------- -------------------

 NY0000973     WEST VALLEY DEMONSTRATION PROJ 08/08/85   09/01/90
      001D                                                                                        09/01/85           05/01/90
           00310          F        1       0       09/01/85    05/01/90
                10/31/87   E00
                11/30/87   E00
                12/31/87   E00
           01045          F        2       0       09/01/85    05/01/90
                10/31/87   E00
                11/30/87   E00
                12/31/87   E00
      001E                                                                                        09/01/85           09/01/90
           82230          F        1       0       09/01/85    09/01/90
                10/31/87   E00
                11/30/87   E00
                12/31/87   E00
      007A                                                                                        09/01/85           09/01/90
           00310          F        1       0       09/01/85    09/01/90
                10/31/87   E00
                11/30/87   E00
                12/31/87   E00
           50050          F        1       0       09/01/85    09/01/90
                10/31/87   E00
```

Figure 3-33. Hierarchical Quick Look Report - Effluent

3.1.5.4 Cluster Quick Look Report Using Qualifying Argument

The retrieval example in Figure 3-34 on page 3-45 illustrates a cluster "Quick Look Report" using a qualifying argument. The 10-cards select the major permitted facilities in Region IV with compliance schedules of "DC" (set by an Administrative Order) that ended construction (EVNT EQ 04599) in FY 1984 and became operational (EVNT EQ 05599) in FY 1985. The report displays all the compliance schedule events associated with the permitted facilities selected. On the 20-card the "TOP = YES" option causes column headings to be printed once at the top of the page and "SKIP = 1" inserts one blank line between facilities.

```
                                        PCS RETRIEVAL REQUEST EDIT REPORT
                                        FOR JOB MVM#76   SUBMITTED 10/01/88

RETRIEVAL
STATEMENTS                                                                        ERRORS

00 SYNTAX=NO JOBID=#76 TIME=5M RMT=255 PRTY=2 BIN=MUUU COPIES=1
01 HQ    PERMIT COMPLIANCE SYSTEM
02       QUICKLOOK REPORT USING QUALIFYING ARGUMENTS
03       WITH COMPLIANCE SCHEDULES OF 'DC'
04       AND EVENT 045 SCHEDULED IN FY87
05       AND EVENT 055 SCHEDULED IN FY88
10 REGN EQ 04
10 MADI EQ M
10 CSCH EQ DC
10 EVNT EQ 04599
10 WITH DTSC GE 100186
10 WITH DTSC LE 093087
10 EVNT EQ 05599
10 WITH DTSC GE 100187
10 WITH DTSC LE 093088
20 QL TOP=YES SKIP=1
30 NPID EVNT DTSC
40 NPID FNMS PERD PERE
40 / CSCH CSCHD EVNT EVNTD DTSC DTAC
40 WITH CSCH EQ DC

        ** DEFAULTS IN EFFECT **

10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED
                                                    PERMIT COMPLIANCE SYSTEM
                                           QUICKLOOK REPORT USING QUALIFYING ARGUMENTS
                                                WITH COMPLIANCE SCHEDULES OF 'DC'
                                                 AND EVENT 045 SCHEDULED IN FY87
                                                 AND EVENT 055 SCHEDULED IN FY88
QL ************************************************************************************************************************ QL

NPID      FNMS                          PERD     PERE
--------- ----------------------------- -------- --------
CSCH CSCH                          EVNT  EVNT                         DTSC     DTAC
---- ----------------------------- ----- ---------------------------- -------- --------

FL0027782 CRESTVIEW-STP                 04/26/84 04/30/89
DC   309 (A) (5) (A)-MUNICIPALS    00099 SCHEDULE DESCRIPTION                  06/24/83
DC   309 (A) (5) (A)-MUNICIPALS    03099 BEGIN CONSTRUCTION           09/01/86 10/06/86
DC   309 (A) (5) (A)-MUNICIPALS    04599 END CONSTRUCTION             09/01/87 11/27/87
DC   309 (A) (5) (A)-MUNICIPALS    05599 OPERATIONAL LEVEL ATTAINED   12/31/87 12/31/87
DC   309 (A) (5) (A)-MUNICIPALS    18099 6TH REPT OF PROGRESS         06/01/86 06/04/86
DC   309 (A) (5) (A)-MUNICIPALS    18199 7TH REPT OF PROGRESS         03/01/87 03/27/87

FL0028355 PAHOKEE STP                   09/30/85 09/30/90
DC   309 (A) (5) (A)-MUNICIPALS    00099 SCHEDULE DESCRIPTION                  03/22/85
DC   309 (A) (5) (A)-MUNICIPALS    00199 1ST REPORT OF PROGRESS       12/01/86 12/31/86
DC   309 (A) (5) (A)-MUNICIPALS    00299 2ND REPORT OF PROGRESS       07/31/87 08/06/87
DC   309 (A) (5) (A)-MUNICIPALS    02599 FINANCING COMPLTE CONTR AWRD 04/30/87
DC   309 (A) (5) (A)-MUNICIPALS    03099 BEGIN CONSTRUCTION           05/31/87
DC   309 (A) (5) (A)-MUNICIPALS    04599 END CONSTRUCTION             09/30/87
DC   309 (A) (5) (A)-MUNICIPALS    05599 OPERATIONAL LEVEL ATTAINED   10/31/87
DC   309 (A) (5) (A)-MUNICIPALS    33099 REGIONAL RESERVED ITEM 1     07/31/85 09/13/85
DC   309 (A) (5) (A)-MUNICIPALS    33299 REGIONAL RESERVED ITEM 3     12/31/86
DC   309 (A) (5) (A)-MUNICIPALS    33499 REGIONAL RESERVED ITEM 5     02/28/87 06/23/87
DC   309 (A) (5) (A)-MUNICIPALS    33599 REGIONAL RESERVED ITEM 6     03/31/87

                                           TOTAL QUICK LOOK PRINT LINES:            21
```

Figure 3-34. Quick Look Report Using Qualifying Argument

3.1.5.5 Single-line "Quick Look Report" Using the Absent Logical Operator

The retrieval example in Figure 3-35 on page 3-46 illustrates a single-line "Quick Look Report" using the absent logical operator. The 10-cards select the major permitted facilities in Flordia which have not been inspected. SKIP = 1 was selected on the 20-card to ensure that one blank line prints between facilities.

```
                              PCS RETRIEVAL REQUEST EDIT REPORT
                              FOR JOB MVM#77    SUBMITTED 10/01/88

RETRIEVAL
STATEMENTS                                                                  ERRORS

00 SYNTAX=NO JOBID=#77 TIME=9M RMT=255 PRTY=2 BIN=MUUU COPIES=1
01 HQ    PERMIT COMPLIANCE SYSTEM
02       QUICKLOOK REPORT USING ABSEND LOGICAL OPERATOR
03       FACILITIES WITH NO INSPECTIONS
10 STTE EQ FL
10 MADI EQ
10 DTIN AB
20 QL TOP=YES SKIP=1
30 NPID DTIN
40 NPID FNMS PERD PERE TYPOD DTIN INSP TYPI

       ** DEFAULTS IN EFFECT **

10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

                                   PERMIT COMPLIANCE SYSTEM
                              QUICKLOOK REPORT USING ABSEND LOGICAL OPERATOR
                                   FACILITIES WITH NO INSPECTIONS
QL ******************************************************************************************************************* QL

NPID      FNMS                           PERD     PERE     TYPO    DTIN     INSP TYPI
--------- ------------------------------ -------- -------- ------- -------- ---- ----
FL0000469 LAFARGE CORPORATION            08/29/85 08/31/90 PRIVATE

FL0001228 USAF PATRICK AFB               11/10/85 11/10/90 FEDERAL

FL0001287 AM OIL JAX                     11/04/83 11/30/88 PRIVATE

FL0001295 HESS OIL & CHEM JAX            11/04/83 11/30/88 PRIVATE

FL0001333 U S GYPSUM                     10/08/87 10/31/92 PRIVATE

FL0001376 LAFARGE CORPORATION            03/12/84 03/31/89 PRIVATE

FL0001911 SEAGATE TOWERS DELRAY BEACH    06/26/85 06/30/90 PRIVATE

FL0002003 WINN DIXIE TAMPA               05/01/85 04/30/90 PRIVATE

FL0002151 REGENCY TOWERS FT LAUDERDALE   12/01/84 11/30/89 PRIVATE

FL0002321 USAF LYNN HAVEN                07/31/81 08/30/86 FEDERAL

FL0002844 GRANADA HOUSE POMPANO BEACH    09/27/84 09/30/89 PRIVATE

FL0002895 DAVIES CAN CO TAMPA            12/05/83 12/31/88 PRIVATE

FL0002933 S & H SEAFOOD-KEY WEST         09/18/85 09/30/90 PRIVATE

FL0021083 USA COE JIM WOODRUFF PWRHOUSE  10/30/84 11/30/89 FEDERAL

FL0021202 APOPKA WTP                                       PUBLIC
```

Figure 3-35. Single Line Quick Look Report with Absent Logical Operator

3.1.5.6 Quick Look Report Using the Comparison Argument

The retrieval example in Figure 3-36 on page 3-47 illustrates the "Quick Look Report" using the comparison argument. The 10-cards select major permitted facilities in Region IV that have compliance schedules set by an administrative order (DC) and whose ending construction dates (04599) equal their operational level attained dates (05599). Several options have been selected on the 20-card: "TOP=YES" ensures that the column headings print once only at the top of the page; "HEADERS=LONG" causes the column headings to be more descriptive than the four character acronym; and "SKIP=1" prints one blank line between permitted facilities.

67

```
                                    PCS RETRIEVAL REQUEST EDIT REPORT
                                    FOR JOB MVM#78    SUBMITTED 10/01/88

RETRIEVAL
STATEMENTS                                                                             ERRORS
________________________________________________________________________________    ______________________
00 SYNTAX=NO JOBID=#78 TIME=9M RMT=255 PRTY=2 BIN=MUUU COPIES=1
01 HQ    PERMIT COMPLIANCE SYSTEM
02       QUICKLOOK REPORT USING COMPARISON ARGUMENTS
03       WITH COMPLIANCE SCHEDULES OF 'DC'
04       AND EVENT 045 AND EVENT 055 SCHEDULED
05       ON THE SAME DAY
10 REGN EQ 04
10 MADI EQ M
10 CSCH EQ DC
10 DTSC
10 WITH EVNT EQ 04599
10 EQ
10 DTSC
10 WITH EVNT EQ 05599
20 QL TOP=YES SKIP=1
30 NPID EVNT DTSC
40 NPID FNMS PERD PERE
40 / CSCH CSCHD EVNT EVNTD DTSC DTAC
40 WITH CSCH EQ DC

       ** DEFAULTS IN EFFECT **

10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED
 10/01/88                                                                                           PAGE:      1
                                          PERMIT COMPLIANCE SYSTEM
                                   QUICKLOOK REPORT USING COMPARISON ARGUMENTS
                                        WITH COMPLIANCE SCHEDULES OF 'DC'
                                      AND EVENT 045 AND EVENT 055 SCHEDULED
                                                ON THE SAME DAY
QL ******************************************************************************************************************** QL

NPID      FNMS                          PERD     PERE
--------- ----------------------------- -------- --------
CSCH CSCH                          EVNT  EVNT                          DTSC     DTAC
---- ----------------------------- ----- ----------------------------- -------- --------

AL0020443 TUSCUMBIA WTP                 01/30/84 02/13/89
DC   309 (A) (5) (A)-MUNICIPALS    00099 SCHEDULE DESCRIPTION                   09/25/84
DC   309 (A) (5) (A)-MUNICIPALS    00199 1ST REPORT OF PROGRESS        07/15/86 07/07/86
DC   309 (A) (5) (A)-MUNICIPALS    01099 PRELIMINARY PLAN COMPLETED    12/01/84 08/23/84
DC   309 (A) (5) (A)-MUNICIPALS    01599 FINAL PLAN COMPLETED          05/15/86 05/23/86
DC   309 (A) (5) (A)-MUNICIPALS    03099 BEGIN CONSTRUCTION            12/01/86 07/07/87
DC   309 (A) (5) (A)-MUNICIPALS    04599 END CONSTRUCTION              07/01/88
DC   309 (A) (5) (A)-MUNICIPALS    05599 OPERATIONAL LEVEL ATTAINED    07/01/88

                                        TOTAL QUICK LOOK PRINT LINES:            14
```

Figure 3-36. Quick Look Report Using the Comparison Argument

3.1.5.7 Quick Look Report with Expanded Data Values

The retrieval example in Figure 3-37 on page 3-48 illustrates the "Quick Look Report" with expanded data values. The 10-cards select major permitted facilities in Connecticut. The report displays inspections conducted in FY 1985 by date, type of inspection and inspector. Several options were selected on the 20-card: "EXPAND = YES" specifies that the data values for the acronyms on the 40-card be expanded to their full length; "BREAK = 1" causes a page break and totalling after the first acronym on the 30-card, in this case the facility number (NPID); and "SUPPRESS = YES" causes facility level data to print only once.

68

```
                                        PCS RETRIEVAL REQUEST EDIT REPORT
                                        FOR JOB MVM#79   SUBMITTED 10/01/88

RETRIEVAL
STATEMENTS                                                                        ERRORS
-----------------------------------------------------------------   ----------------------------------
00 SYNTAX=NO JOBID=#79 TIME=9M RMT=255 PRTY=2 BIN=MUUU COPIES=1
01 HQ    PERMIT COMPLIANCE SYSTEM
02       QUICKLOOK REPORT USING EXPANDED DATA VALUES
03
10 STTE EQ CT
10 MADI EQ M
20 QL TOP=YES BREAK=1 SUPPRESS=YES EXPAND=YES HEADERS=LONG
30 NPID DTIN
40 NPID FNMS DTIN TYPI INSP
40 WITH DTIN GE 100187
40 WITH DTIN LE 093088

       ** DEFAULTS IN EFFECT **

10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED

                                             PERMIT COMPLIANCE SYSTEM
                                      QUICKLOOK REPORT USING EXPANDED DATA VALUES
 QL ************************************************************************************************************************** QL

 PERMIT NUMBER FACILITY NAME SHORT           INSP DT  TYP INSP                        INSP CD
 ------------- ------------------------------ -------- ------------------------------ -------------------------
 CT0000035     BRISTOL BABCOCK INSTRUMENT/SYS 03/18/88 RECONNAISSANCE                 STATE
                                              06/22/88 COMPLIANCE EVAL (NON-SAMPLING) STATE

                                        SUB-TOTAL QUICK LOOK PRINT LINES:      2
```

Figure 3-37. Quick Look Report with Expanded Data Values

3.2 Quick File Extract

The Quick File Extract in the PCS Generalized Retrieval subsystem produces sequential files of user-designed records on a direct access storage disk at NCC. These files can be used as input for external programs on the IBM mainframe computer at NCC or on PC's that can download data from the IBM mainframe.

The cards necessary for retrieving the Quick File Extract are:

```
20 QF OPTION1 OPTION2 OPTION3...
60 ACRONYM1A ACRONYM1B ACRONYM1C...
60 ACRONYM1n ACRONYM1n+1 ACRONYM1n+2...
60 WITH ACRONYM OPERATOR VALUE
```

Where "ACRONYM1A", "ACRONYM1B", "ACRONYM1C", "ACRONYM1n", "ACRONYM1n+1", "ACRONYM1n+2", and "ACRONYM" all correspond to data elements from one data family. The list of acronyms on each 60-card may not extend past card column 80 but can be continued on subsequent 60-cards.

Decimal alignment has been designed for the following acronyms: FLOW, LCMN, LCAV, LCMX, LQAV, LQMX, MCAV, MCMX, MQAV, and MQMX. To make use of this option, the user will place the letter 'N' directly after the acronym. Decimal aligned acronyms will only be valid on 60 and 60 WITH cards. When specifying a value on the 60 card the value must be standard units. An example is:

```
60 NODI MCAVN NCMNN
60 WITH MCAVN GE 10
```

"60 WITH" cards are optional and may be used to qualify the information to be placed on each record. When specifying the Quick File Extract the following rules apply to the retrieval request:

1. Only data from one family may be requested on any of the 60-cards. The PCS data families are indicated by the vertical groups shown in Figure 2-1 on page 2-3.
2. Permit facility data, which belongs to all of the data families, may appear anywhere on the records.
3. All of the data types within a data family may be represented, but it is not required.
4. Any acronym within the data type within the family chosen for the Quick File Extract may be used for sorting. The acronyms used for sorting may appear on the 60-cards but are not required, however, duplicate records may appear if a lower level acronmym is used for sorting but no lower level data is on the record.
5. "60 WITH" cards are optional. If used, the acronyms on the "60 WITH" cards must be from the same data family as on the 60-cards.
6. Acronyms requesting filed descriptions may be used on the 60-cards with the exception of TRETD.

The Quick File Extract uses the following rules to convert and store data on the extracted file:

1. Numeric fields stored in scientific notation will be converted to decimal and stored on the extracted file as alphanumeric with a sign and decimal point.
2. Packed decimal fields will be unpacked.

   Data fields will be converted from yyyymmdd format to mmddyy format and will be stored as alphanumeric so a blank will indicate the absence of a date.
3. Acronym descriptions will be stored as they are defined. See Appendix A, "Data Element Lists" on page A-1 for the list of acronyms and their field lengths.

Options which may be used on the 20-card are the following:

```
CARD=xxx RESTRICT=yyy GHOST=yyy ARCH=yyy
DSN=xxxxxxxx DISP=mmm CENT=YES
```

The "CARD=" option limits the amount of data extracted to eighty characters per record. This option also allows for the insertion of a two or three character literal at the beginning of the 80- character record. The insertion of the characters in the front of records will assist users in creating files for batch data entry. Any alphanumeric or special character may be used in this literal but imbedded blanks will not be allowed. "YES" and "NO" will not be considered literals. "CARD=NO" is the default for this option. The following are examples of the "CARD" option:

TERM DESCRIPTION

CARD=YES
Creates an 80-character record.

CARD=NO
Creates a variable length record with a maximum of 15,476 characters per record.

CARD=N-7
Creates an 80-character record with the literal "N-7" as the first three characters of the record. This literal may be used to create an add transaction for the edit/update subsystem using the extended batch card "-7" data.

CARD=CR
Creates an 80-character record with the literal "CR" as the first two characters of the record. This literal may be used to create a change transaction for the edit/update subsystem using the old card "R" data.

The "RESTRICT=" option is specified on the 20-card to limit the printing of non-qualified data on a Quick File Extract. The format of this option is "RESTRICT=YES" or "RESTRICT=NO".

Use of the "RESTRICT=YES" option will cause "upper" level information to print only for the "lower" level information which meets the retrieval qualifications. For example, in the effluent family, a hierarchical report is made up of one line of permit facility data, one line of pipe schedule data, one line of parameter limits data, and one line of measurement violation data. If a user was interested in only three months of violation data, the "RESTRICT=YES" option would print only permit facility data, pipe schedules, and parameter limits for measurement violations that occurred during those months rather than listing all parameters measured during the period specified whether or not a violation occurred. Assume the following statements are coded in a retrieval:

```
20 QF RESTRICT=YES
30 NPID
60 NPID FNMS MADID SIC2D
60 DSCH DRID
60 PRAS PRAM ELSD ELED LQUCD LCUCD
60 MVI0 MVDT VQAVT VCAV VWCS
60 WITH MVI0 GT E21
60 WITH MVDT GE 070185
60 WITH MVDT LE 093085
```

This retrieval would store on the record only pipe, outfall, and parameter limits information for facilities that have measurement (MVIO GT E21) between 07/01/85 and 09/30/85. All "60 WITH" cards qualify the data to be printed at that level and up. That is, using a "60 WITH" card at the parameter limits level will store on the record only the pipe schedule outfalls with those limits. If the "RESTRICT=" option is not specified on the 20-card the default is "RESTRICT=NO".

The "GHOST=" option may be used on the 20-card of a Quick File Extract to specify whether or not parameter pipes and limits data which has been "ghosted" should be processed and stored in an extracted file. This option has the same restrictions as the "GHOST=" option used with the Quick Look Report. Refer to "'GHOST=' Option" on page 3-20 for these restrictions. The "ARCH=" option may be used on the 20-card of a Quick File Extract to whether or not measurement data which has been archived should be processed and stored in an extracted file. This option has the same restrictions as the "ARCH=" option used with the Quick Look Report. Refer to "'HIER=' Option" on page 3-24 for these restrictions.

The "CENT=YES" (century=yes) option may be used on the 20-card to write 4-digit years on the extracted file. If the "CENT=YES" option is not used, the years field would be 2 digits.

The "DSN=" option may be used on the 20-card to specify a partial name that appended to the data set name of the extracted file. The value of the "DSN=" option consists of 1 to 8 characters. The first character must be alphabetic; the remaining characters can be any alphanumeric or national characters or a hyphen.

If the "DSN=" option is not used, the Generalized Retrieval subsystem appends a name that specifies the date and time the file was created.

The format of the fully qualified data set name of the extracted file is:

```
uuuaaaa.dddd.xxxxxxxx
```

where:

"uuu"	The User ID of the user who ran the retrieval request to create the file;
"aaaa"	The account number of the user who ran the retrieval request to create the file;
"dddd"	Will be "CARD" if the value for the "CARD=" option is any valid value besides "NO". Will be "VARY" if the value for the "CARD=" option is "NO".
"xxxxxxxx"	The value of the "DSN=" option or the default name with the format: yymmdd.hhnnss where:

```
"yy"  =  the current year
"mm"  =  the current month
"dd"  =  the current date
"hh"  =  the current hour, in military time
"nn"  =  the current minutes
"ss"  =  the current seconds
```

The "DISP=" option is used to write over or create new extracted files. If "DISP=OLD" is used, a previously created data set will be overwritten with the new records. If "DISP=MOD" is used, a new data set is created or a previously created data set will have the records appended to the data set.

All the files will be written to disk. The format of the extracted data file will depend on the "CARD=" option specified. If the option is "CARD=NO" the record format will be variable blocked at 15,476 bytes, otherwise the logical record length will be 80 bytes, the record format will be fixed/blocked, and the blocksize will be 6,160 bytes.

Besides creating the extracted file, the Quick File Extract produces a report called "Quick File Execution Summary" (Figure 3-38 on page 3-52). This report displays the attributes of the created file. These attributes include the data set name (DSN), the disposition of the file (DISP), the logical record length (LRECL), the blocksize (BLKSIZE), and the actual length of the variable record. It also lists the options that were used to create the extracted file. Then, it displays the record layout of the extracted file and the total number of bytes used by the file. The total number of bytes is calculated by multiplying the number of records by the record length.

```
                    QUICK FILE EXECUTION SUMMARY


YOUR REQUEST HAS GENERATED A SEQUENTIAL FILE WITH THE BELOW LISTED ATTRIBUTES.

 DSN=     MVMA040.CARD.IANUMVIO
 DISP=    MOD
 LRECL=   80
 BLKSIZE= 6160


THE REPORT OPTIONS USED TO PRODUCE THIS REPORT WERE: RESTRICT
                                                     CARD
                                                     'DSN' AND 'DISP' AS SHOWN ABOVE


A 3-CHARACTER LITERAL PRECEEDS EACH RECORD AND IS INCLUDED IN THE TOTAL RECORD LENGTH.
THE LITERAL REQUESTED WAS: C-0

THE RECORD LAYOUT FOR THE FILE IS GIVEN BELOW:

    FIELD   LENGTH   POSITION   FROM FILE   NOTE

    LIT3     003       1-  3                3
    NPID     009       4-  12    PF
    VDSC     003       13- 15    EF
    VDRD     001       16- 16    EF
    VPRM     005       17- 21    EF
    VMLO     001       22- 22    EF
    MVDT     006       23- 28    EF         1
    REXC     002       29- 30    EF
    RFRQ     005       31- 35    EF
    RUNT     002       36- 37    EF
    RCUN     002       38- 39    EF
    RSAM     002       40- 41    EF
    SNCE     001       42- 42    EF
    SNDE     006       43- 48    EF         1
    SRCE     001       49- 49    EF
    SRDE     006       50- 55    EF         1

NOTE:  1 - DATE FIELD OF THE FORMAT MMDDYY

       2 - FIELD DESCRIPTION

       3 - LITERAL FIELD REQUESTED BY CARD OPTION
           PROCESSED AS FACILITY LEVEL FIELD

THE FILE CONTAINS    2,523  RECORDS &      201,840  TOTAL BYTES.
```

Figure 3-38. Quick File Execution Summary

3.3 Sequential File Extract

The Sequential File Extract in the PCS Generalized Retrieval subsystem produces a "dump" of information relating to permitted facilities specified by the user. This extract creates tape data sets which can be used as input for external programs.

The general format for retrieving the Sequential File Extract is:

```
20 DU FILES=FRINPCVOLMEGHSKX DSN=xxxxxxxx DISP=xxx
20 WITH REGN (or STTE) EQ xx
```

The characters that follow the "FILES=" expression correspond to different data types for a given facility:

```
F - Permit Facility Data
R - Inspection Scheduling Data
I - Inspection Data
N - PCI/Audit Inspection
P - Permit Events Data
C - Compliance Schedule Data
V - Compliance Schedule Violation Data
O - Pipe Schedule Data
L - Parameter Limits Data
M - Measurement Violation Data
E - Enforcement Action Data
K - Enforcement Action Key Data
G - Grant Data
H - Evidentiary Hearing Data
S - Single Event Violation Data
X - Pretreatment Performance Summary
```

The user must specify some combination of these codes.

On the "20 WITH" card, the user must specify the appropriate State or Region. "xx" represents a valid State code or Region code. After the retrieval has executed, separate files on tape are created for each data type selected.

A report is produced which lists the fully qualified data set names of the tapes that were created. The "DSN=" option may be used to specify a partial name that is appended to the data set names of tapes. The value of the "DSN=" option consists of 1 through 8 characters. The first character must be alphabetic; the remaining characters can be any alphabetic, numeric or national character or a hypen.

If the "DSN=" option is not used, the General Retrievalized subsystem appends a name that specifies the date and time the tape was created.

The format of the fully qualified data set names of the tapes is:

```
uuuaaaa.ddddd.xxxxxxxx
```

where:

"uuu" = The User ID of the user who ran the retrieval request to create the tapes;

"aaaa" = The account number of the user who ran the retrieval request to create the tapes;

"ddddd" = Corresponds to one of the acronyms below, which specifies the data type.

NAME	DATA TYPE
FACLTY	Permitted Facility
RINSCH	Inspection Scheduling
INSPEC	Inspection
NPCIAU	Pretreatment Audit/PCI Inspection
PERMIT	Permit Event
COMPLI	Compliance Schedule
VIOLAT	Compliance Schedule Violation
OUTFAL	Pipe Schedule
LIMITS	Parameter Limit
MEASUR	Measurement Violation
ENFACT	Enforcement Action
KEYENF	Enforcement Action Key
GRANTS	Grant
HEARIN	Evidentiary Hearing
SGLEVT	Single Event Violation
XPTSUM	Pretreatment Performance Summary

"xxxxxxxx" = The value of the "DSN=" option or the default name with the format: yymmdd.hhnnss where:

"yy" = the current year
"mm" = the current year
"dd" = the current date
"hh" = the current hour, in military time
"nn" = the current minutes
"ss" = the current seconds

The "DISP=" option is used to overwrite or create new data sets for Sequential File Extract information. If "DISP=OLD" is used, a previously created data set will be overwritten with the new information. If "DISP=MOD" is used, a new data set is created or a previously created data set will have the information appended to the data already in the data set. An example of a sequential file dump retrieval request which contains permit facility and inspection data for Arkansas is:

```
20 DU FILES=FI
20 WITH STTE EQ AK  (Arkansas)
```

The "CENT=YES" (century=yes) option may be used on the 20-card to write 4-digit years on the extracted file. If the "CENT=YES" option is not used, the years field would be 2 digits.

A file layout for sequential file extracts may be found in Appendix D, "Sequential File Extract - File Layout" on page D-1.

3.4 Milestone Report

The "Milestone Report" (-- Fig 'FMILREP' unknown --) is a matrix of values in which the number of occurrences of one data element is tabulated against the number of of occurrences of another data element.

The cards necessary for the production of a "Milestone Report" are formatted as follows:

```
20 MS BREAK=xxx JUST=RIGHT
50 ROW ACRONYM1
50 COL ACRONYM2 VALUE1 VALUE2 VALUE3 VALUE4. . .
50 VALUE VALUEn+1 . . .
50 WITH ACRONYM LOGICAL OPERATOR VALUE
```

"ACRONYM1" represents the data element whose values are tallied in each row and "ACRONYM2" represents those that are tallied in the columns. Specific values (VALUEl/VALUE2/VALUE3, etc), that are to be tallied must be specified by the user on the "50 COL" card.

The 50-card may be continued (beyond the 80-character maximum) on to another 50 card if necessary (VALUEn and VALUEn + 1). Blank data element values may be tabulated in the COL card by specifying "BLNK" as a possible value.

For the "BREAK = " option on the 20-card the 'xxx' may be "YES" or "NO". Where "BREAK = YES" is used a national milestone report will contain subtotals of the matrixed values for each region. No such subtotalling will occur with "BREAK = NO". Where "Break = STTE" a separate page is printed which contains each State's milestone data for all States in one or several Regions.

For the "JUST = " option on the 20-card, "JUST = RIGHT" is used to right justify the column headings. When the JUST option is not used, the column headings will default to left justify. There are occasions when right justification of the headings makes the Milestone Report more readable and less confusing.

At least one value of the column data element must always be specified; the value of the row data element is never specified. An example of a "Milestone Report" which tabulates type of owner- ship (TYPO) vertically by major indicator (MADI) and breaks on Region can be retrieved using the following cards:

```
20 MS BREAK=YES
50 ROW MADI
50 COL TYPO BPP FED PRI PUB BLNK
```

The PCS "Milestone Report" general retrieval also includes spanning logic. That is, column data elements which fall into certain ranges may be specified. The 50-card that indicates how certain data element values are to be spanned has the general format:

```
50 COL ACRONYM VALUE1 VALUE2-VALUE3 VALUE4
```

where "VALUE2" and "VALUE3" are spanned so that all occurrences of values in that range are tallied in one column.

For example, the number of various ranges of parameter code occurrences to be tallied by subregion would be specified by:

```
50 ROW SUBR
50 COL PRAM 00010-00011 00300 00310-00324
```

Any milestone report which addresses those data elements which fall "below" the permit facility level in the PCS hierarchy (Figure 2-1 on page 2-3) may be qualified using a "50 WITH." The acronym must correspond to a data element within the family on the 50-card being qualified.

For example, if the user wishes to tally the number of various types of violations of BOD by type of permitted facility the coded 50-cards would be:

```
50 ROW INCL
50 COL MVIO E00 E10-E30 E40-E50 E-90
50 WITH PRAM EQ 00310
```

All occurrences of the column data elements (ACRONYM2) can be requested by specifying ALL on the "COL" card:

```
50 COL ACRONYM2 ALL
```

Columns will automatically be generated by the PCS Generalized Retrieval subsystem. If *all* values that fall between two extremes are requested the correct statement would be:

```
50 COL ACRONYM2 ALL FIRSTVALUE LASTVALUE
```

For example, a tally of the number of inspections that were performed during each month of the period from July 1985 to September 1985 as a function of inspection type would be written:

```
50 ROW TYPI
50 COL INMY ALL 0785 0985
```

In this case, 0785, 0885, 0985 (Inspection Month-Year) will be tallied in the columns. Type of inspection will be tallied in the rows.

Care should be exercised in the use of the "ALL" option since the display of all possible values of a data element may exceed the page width. "All" can only be used on acronyms that have their values stored in one of the PCS tables. (See *PCS Data Element Dictionary*)

Decimal alignment has been designed for the following acronyms: FLOW, LCMN, LCAV, LCMX, LQAV, LQMX, MCAV, MCMX, MQAV, and MQMX. To make use of this option, the user will place the letter 'N' directly after the acronym. Decimal aligned acronyms will only be valid on the 50 ROW card as follows:

```
50 ROW FLOWN
```

FLOWN cannot be used on the '50 COL' card.

The following is an example of the Milestone report with right justification of the column headings:

```
                                  PCS RETRIEVAL REQUEST EDIT REPORT
                                  FOR JOB JXL       SUBMITTED 11/04/93

RETRIEVAL
STATEMENTS                                                                                   ERRORS

00 SYNTAX=NO JOBID=MSRPT TIME=5M PRTY=2 BIN=D005 RMT=255
01 HQ MILESTONE REPORT
10 REGN EQ 01
10 DTIN GE 100192
20 MS JUST=RIGHT
50 ROW TYPI
50 COL STTE CT MA ME NH RI VT

       ** DEFAULTS IN EFFECT **
10 IACC EQ A
10 PTYP AB

NO ERRORS DETECTED - REQUEST CAN BE PROCESSED
93-11-04                                                                                              PAGE:       1
                                            MILESTONE REPORT
MS ************************************************************************************************************ MS
TYP INSP                          ROW    STATE CODE
                                 TOTAL    CT      MA      ME      NH      RI      VT
------------------------ ---------- ------- ------- ------- ------- ------- -------
A                                    1     0       0       0       0       1       0
C                                    5     0       0       0       0       5       0
F                                    1     0       1       0       0       0       0
G                                    2     0       0       0       0       2       0
I                                    5     0       0       0       0       5       0
P                                    4     0       0       0       0       4       0
R                                    3     0       0       0       2       1       0
S                                   43     0       0       0       0      43       0
TOTAL FOR COLUMNS:                  64     0       1       0       2      61       0
```

Figure 3-39. Milestone Report

3.5 Multiple-Report Retrievals

To produce different reports from the same set of selection criteria more than one 20-card may be used and more than one set of "20 WITH" cards may be included. Up to 3 different reports may be specified, but only one 30-card (sort card) is allowed. In general, multi-report retrievals adhere to the following format:

```
20 REPORT1
20 WITH
20 REPORT 2
20 WITH
30 REPORT ORDER
40 QL DATA
40 WITH
50 MS DATA
50 WITH
```

"REPORT" and "REPORT2" are the report format acroynms. The "20 WITH" cards, where required, qualify the appropriate 20-cards. The "30", "40", "40 WITH", "50", "50 WITH", "60", "60 WITH" cards may or may not be required. All requirements for separate reports apply to multi-report retrievals.

Suppose the user wished to generate a "Quick Look Report" and a "Milestone Report" for selected permitted facilities. In this report, information for various kinds of inspections is to be displayed and tallied. The correct cards would be:

```
20 QL BREAK=1
20 MS
30 NPID DTIN
40 NPID FNMS TYPI DTIN FACC
40 WITH DTIN GT 100185      (Inspection Date after 10/1/85)
40 WITH TYPI AL X           (Toxics Inspection)
40 WITH TYPI AL S           (Sampling Inspection)
40 WITH TYPI AL C           (Compliance Evaluation
                            Inspection)
50 ROW TYPI                 (Horizontal: Compliance Evalua-
                            tion Inspection Values)
50 WITH DTIN GT 100185      (With Inspection Date after
                            10/1/85)
50 COL STTE NY NJ PR VI     (Vertical: State Values)
```

The "Quick Look Report" would display information for each inspection provided it was a toxic, compliance or sampling type, sorted by state or or compliance evaluation inspection and inspection date. The "Milestone Report" would tally the number of each inspection type by State.

3.6 Statistical Base Code Features

3.6.1 Definitions for Statistical Base Code Retrieval Acronyms

There is a matrix in 3.6.3, "Retrieval Matrix" on page 3-68 of this documentation which can be referenced or referred to for a list of the acronyms and how they are used for retrievals.

The following are acronyms that will be used to define the Statistical Base Code for each of the five limit categories. Additionallly there will be a section describing the retrieval only acronyms.

ACRONYM	LENGTH	DESCRIPTION
LQAS	2	Statistical Base for Quantity Average
		LQAS is the code which defines the Statistical Base Code for the Quantity Average limit.
LQXS	2	Statistical Base for Quantity Maximum
		LQXS is the code which defines the Statistical Base Code for the Quantity Maximum limit.
LCMS	2	Statistical Base for Concentration Minimum
		LCMS is the code which defines the Statistical Base Code for the Concentration Minimum limit.
LCAS	2	Statistical Base for Concentration Average
		LCAS is the code which defines the Statistical Base Code for the Concentration Average limit.

LCXS 2 Statistical Base for the Concentration Maximum

LCXS is the code which defines the Statistical Base Code for the Concentration Maximum.

NOTE: The above acronyms can be used with the D or S option at the end of the acronym for Descriptions and Short Descriptions for retrieval purposes only.

LCMO 1 Concentration Minimum Override

LCMO indicates how the limit Concentration Minimum (LCMN) is to calculate measurement violations. If a "Y" is coded, then a violation is detected if the limit is exceeded rather than being below the limit (as is usually the case on Minimums). Valid options are "Y" or Blank (Y means a % OVER violation rather than the default % UNDER). This relates to the Concentration Minimum category only.

LCAO 1 Concentration Average Override

LCAO indicates how the limit Concentration Average (LCAV) is to calculate measurement violations. If a "Y" is coded, then a violation is detected if the limit is below rather than exceeding the limit (as is usually the case on Averages). Valid options are "Y" or Blank (Y means a % UNDER violation rather than the default % OVER). This relates to the Concentration Average category only.

The following are definitions and field descriptions for the acronyms associated with the Statistical Base Code Limits and Measurement Quantity, Limits and Measurement Concentration, and Measurement Quantity and Concentration (except where noted).

Naming Conventions for Statistical Base Code Retrieval-Only Acronyms

The chart below describes the naming conventions used for the special retrieval acronyms devised for statistical base codes.

1st Character of Acronym	2nd Character of Acronym
L means Limit	Q means Quantity
M means Measurement	C means Concentration
3rd Character of Acronym	**4th Character of Acronym**
V means Value	M means Monthly Average
C means Code	S means Selected Statistical Base Code
	*
5th Character of Acronym	
N means Numeric Aligned	
D means Long Stat Descp.	
S means Short Stat Descp.	

NOTE: There are 2 acronyms where the 4th character is an "O". These 2 acronyms are listed below and described in the following field description explanations.

LCMO - Limit Concentration Minimum Override
LCAO - Limit Concentration Average Override

ACRONYM	LENGTH	DESCRIPTION

LQVM (rtvl only) 8 Limit Quantity Monthly Average Value

LQVM selects or displays either LQAV or LQMX, depending on where the monthly average is stored. The requested value will only be selected if entered in the exact format the value is stored in on the database.

Example: 40 WITH LQVM EQ 60
- The only way a record will be selected is if LQAV or LQMX is stored on the database as 60 with six blank spaces following the number, and the number is also a monthly average.

LQVMN (rtvl only) 16 Limit Quantity Monthly Average Numeric Aligned

LQVMN selects or displays either LQAV or LQMX, depending on where the monthly average is stored (Decimal Aligned). The requested value will only be selected if entered in the limit's standard units. All numeric aligned retrieval acronynms are intended for use with only one parameter because standard units are related to a parameter.

Example: 40 WITH LQVMN EQ 12345678.12345678
- The only way a record will be selected is if LQAV or LQMX equals the entered value when converted to the standard unit of the limit, and the number is also a monthly average.

LQCM (rtvl only) 2 Limit Quantity Monthly Average Stat Base Code

LQCM selects or displays the Statistical Base Code for either LQAV or LQMX, depending on where the monthly average is stored. Only Present (PR) and Absent (AB) are allowed as selection operators for this acronym.

*** Reasons for restricted operators are because selection by Statistical Base Code is available by LQCS, and sometimes requesting a specific Statistical Base Code and selecting on it only if it is a monthly average code are mutually exclusive.

EXAMPLE:
- 40 WITH LQCM PR is requesting all Statistical Base Codes that are monthly average codes and present. Absent (AB could be used in the same way.

LQCMD (rtvl only) 25 Limit Quantity Monthly Average Description -

LQCMD displays the Statistical Base Code description of either LQAV or LQMX, depending on where the monthly average is stored.

LQCMS (rtvl only) 8 Limit Quantity Monthly Average Description

LQCMS displays the Statistical Base Code short description of either LQAV or LQMX, depending on where the monthly average is stored.

LQCS (rtvl only) 2 Limit Quantity Selected Stat Base

LQCS selects or displays either LQAS or LQXS, depending on where the requested Statistical Base Code is stored. This acronym must be used in a selection statement before it may be displayed. EQ is the only operator allowed.

LQCSD (rtvl only) 25 Limit Quantity Selected Stat Base Description -

Displays the Statistical Base Code description for LQAV or LQMX, depending on where the requested Statistical Base Code is stored. LQCS must be used in a selection statement before the description may be displayed.

LQCSS (rtvl only) 8 Limit Quantity Selected Stat Base Description -

Displays the Statistical Base Code short description for LQAV or LQMX, depending on where the requested Statistical Base Code is stored. LQCS must be used in a selection statement before the description may be displayed.

LQVS (rtvl only) 8 Limit Quantity Selected Stat Base Value -

Selects or displays either LQAV or LQMX, depending on where the requested Statistical Base Code is stored. LQCS must be used in a selection statement before this acro may be selected or displayed. The same selection rules apply to this acro as to LQVM (see example).

LQVSN (rtvl only) 16 Limit Quantity Selected Stat Base Value Numeric Aligned -

Selects or displays either LQAV or LQMX, depending on where the requested Statistical Base Code is stored.

LQCS must be used in a selection statement before this acro may be selected or displayed. The same selection rules apply to this acro as to LQVMN (see example). The requested value will only be selected if entered in the limit's standard units. All numeric aligned retrieval acronynms are intended for use with only one parameter because standard units are related to a parameter.

MQVM (rtvl only) 8 Measurement Quantity Monthly Average Value -

Selects or displays either MQAV or MQMX, depending on where the monthly average is stored. The requested value will only be selected if entered in the exact format the value is stored in on the database.

Example: 40 WITH MQVM EQ 60
- The only way a record will be selected is if MQAV or MQMX is stored on the database as 60 with six blank spaces following the number, and the number is also a monthly average.

MQVMN (rtvl only) 16 Measurement Quantity Monthly Average Numeric Aligned -

Selects or displays either MQAV or MQMX, depending on where the monthly average is stored (Decimal Aligned). The requested value will only be selected if entered in the limit's standard units. All numeric aligned retrieval acronynms are intended for use with only one parameter because standard units are related to a parameter.

Example: 40 WITH MQVMN EQ 12345678.12345678
- The only way a record will be selected is if MQAV or MQMX equals the entered value when converted to the standard unit of the limit, and the number is also a monthly average.

MQVS (rtvl only) 8 Measurement Quantity Selected Stat Base Value

Selects or displays either MQAV or MQMX, depending on where the requested Statistical Base Code is stored. LQCS must be used in a selection statement before this acro may be selected or displayed. The same selection rules apply to this acro as to MQVM (see example).

MQVSN (rtvl only) 16 Measurement Quantity Selected Stat Base Value Numeric Aligned

Selects or displays either MQAV or MQMX, depending on where the requested Statistical Base Code is stored. LQCS must be used in a selection statement before this acro may be selected or displayed. The same selection rules apply to this acro as to MQVMN (see example). The requested value will only be selected if entered in the limit's standard units. All numeric aligned retrieval acronynms are intended for use with only one

parameter because standard units are related to a parameter.

3.6.2 Retrieval Capabilities

The PCS Generalized Retrieval subsystem has some powerful capabilities associated with the Statistical Base Code acronyms. There are 3 basic retrieval options. They are retrievals based on; individual, monthly and selected Statistical Base Codes.

The field descriptions in :hdref=hstatdf. explain in detail what the acronyms are and what they are used for.

3.6.2.1 Individual Statistical Base Code Retrievals

The following acronyms are used for individual Statistical Base Code retrievals.

LQAS Limit Quantity Selected Average Statistical Base Code
LQXS Limit Quantity Selected Maximum Statistical Base Code
LCMS Limit Concentration Selected Minimum Stat Base Code
LCAS Limit Concentration Selected Average Stat Base Code
LCXS Limit Concentration Selected Maximum Stat Base Code
LCMO Limit Concentration Minimum Override
LCAO Limit Concentration Average Override

These acronyms can be used to select, sort or display data in;

10 Card Selection Statements
30 Card Sort Statements
40 Card Display Statements
40 WITH Card Selection Statements

The following acronyms can be used with the LONG DESCRIPTION option for displaying the long description of the Statistical Base Code.

LQASD LCMSD
LQXSD LCASD
LCXSD

These can be used to sort or display data in;

30 Card Sort Statements
40 Card Display Statements

The following acronyms can be used with the SHORT DESCRIPTION option for displaying the short description of the Statistical Base Code.

LQASS LCMSS
LQXSS LCASS
LCXSS

These can be used to sort or display data, in;

30 Card Sort Statements
40 Card Display Statements

3.6.2.2 Monthly Statistical Base Code Retrievals

These retrieval acronyms deal with values and codes for monthly averages. They can be used to select, sort or display data. Use Table #120 for valid codes and values.

Special Considerations:

- Select accepts a value field if the value field is a monthly average and equals (EQ) the specified value.
- Display shows the value where the monthly average is contained.

LQVM	MQVM
LCVM	MCVM

These acronyms can be used to select, sort or display data in;

10 Card Selection Statements
30 Card Sort Statements
40 Card Display Statements
40 WITH Card Selection Statements

EXAMPLE:
10 LQVM EQ 60

The following acronyms can be used with the NUMERIC ALIGNMENT option for displaying the data so that decimal points are aligned.

Special Considerations:

- Selection requires entry of numerically aligned limit or measurement values in standard units.
- Select accepts a value field if the value entered is a monthly average and equals the specified value.
- Display shows the value field in which the monthly average is contained and is numerically aligned,

LQVMN	MQVMN
LCVMN	LCVMN

These can be used to sort or display data in;

30 Card Sort Statements
40 Card Display Statements
40 WITH Card Selection Statements

NOTE: All numeric aligned fields are converted to a standard limit value.

EXAMPLE:	OUTPUT:
10 LQAV EQ 0.50	0.5
40 LQAVN	

Monthly Statistical Base Code retrievals also include an option to select or display a monthly average code, if it is either present (PR) or absent (AB).

Special Considerations:

- Selection requires the entry of a valid Statistical Base Code.
- Select accepts a Stat Base Code if it is a monthly average.
- Select only accepts the values present (PR) or absent (AB).
- Display shows the monthly average Statistical Base Code.

LQCM
LCCM

These can be used to select, sort or display data in;

10 Card Selection Statements
30 Card Sort Statements
40 Card Display Statements
40 WITH Card Selection Statements

EXAMPLE:
10 LCCM AB

Additionally, there is the ability to DISPLAY ONLY a Statistical Base description for the acronyms for quantity LQAS and LQXS, as well as for concentration LCMS, LCAS and LCXS, if the corresponding Statistical Base Code is a monthly average code. Both the SHORT DESCRIPTION option and the LONG DESCRIPTION options are available for selected Statistical Base Code descriptions. The follwing acronyms are involved:

SHORT DESCRIPTION	LONG DESCRIPTION
LQCMS	LQCMD
LCCMS	LCCMD

NOTE: These acronyms cannot be used on 10 Cards. They are DISPLAY ONLY acronyms.

These can be used to sort or display data in;

30 Card Sort Statements
40 Card Display Statements

EXAMPLE:
40 NPID LQCMD

3.6.2.3 Selected Statistical Base Code Retrievals

These retrieval acronyms deal with values and codes for specific or selected Statistical Base Codes. They can be used to select, sort or display.

Special Considerations:

- Selection requires entry of a specified Statistical Base Code value.
- Equal To (EQ) is the only operator accepted in selection.
- Display shows the value previously selected.
- The selection statement must be present to display.

LQCS
LCCS

These can be used to select, sort or display data in;

10 Card Selection Statements
30 Card Sort Statements
40 Card Display Statements
40 WITH Card Selection Statements

NOTE: There must be a 40 WITH Card Equal To (EQ) 'XX' (a 2 digit (Statistical Base Code value), if the acronym is in the 40 Display Statement.

EXAMPLE:
10 LQCS EQ A2
40 NPID LQCS
40 WITH LQCS EQ A2

The following acronyms can be used with the LONG DESCRIPTION option for displaying the long description of the Statistical Base Code for a requested Statistical Base Code value.

Special Considerations:

- Selection must be done on LQCS before LQCSD can be displayed and LCCS must be selected before LCCSD can be displayed. The same is true for MQCS and MCCS.

LQCSD
LCCSD

These can be used to sort or display data in;

30 Card Sort Statements
40 Card Display Statements

NOTE: There must be a 40 WITH Card Equal To (EQ) 'XX' (a 2 digit (Statistical Base Code value), if the acronym is in the 40 Display Statement, with the LONG DESCRIPTION option.

EXAMPLE:
10 LQCS EQ A2

40 NPID LQCSD
40 WITH LQCS EQ A2

The following acronyms can be used with the SHORT DESCRIPTION option for displaying the short description for a specific requested Statistical Base Code value.

Special Considerations:

- Selection must be done on LQCS before LQCSS can be displayed and LCCS must be selected before LCCSS can be displayed. The same is true for MQCS and MCCS.

LQCSS
LCCSS

These can be used to sort or display data in;

30 Card Sort Statements
40 Card Display Statements

NOTE: There must be a 40 WITH Card Equal To (EQ) 'XX' (a 2 digit (Statistical Base Code value), if the acronym is in the 40 Display Statement, with the SHORT DESCRIPTION option.

EXAMPLE:
10 LQCS EQ A2
40 NPID LQCSS
40 WITH LQCS EQ A2

The following acronyms can be used to execute a retrieval to capture the values associated with a specified Statistical Base Code. Table #120 can be used to determine appropriate codes and values.

Special Considerations:

- Limits acronyms LQVS and LCVS along with measurement acronyms MQVS and MCVS are valid only as display options if the corresponding LQCS/LCCS/MQCS/MCCS selection(s) are previously requested.
- Equal To (EQ) is the only operator accepted for selection.
- The requested limit or measurement value is selected, if it exists for the previously selected Statistical Base Code.
- Display shows the limit or measurement value for the previously selected Statistical Base Code.

LQVS	MQVS
LCVS	MCVS

These can be used to select, sort or display data in;

10 Card Selection Statements
30 Card Sort Statements
40 Card Display Statements
40 WITH Card Selection Statements

NOTE: There must be a 40 WITH Card Equal To (EQ) 'XX' (a 2 digit

(Statistical Base Code value), and a 40 WITH Card Equal To (EQ) a limit or measurement value to display the value for a specified Statistical Base Code.

EXAMPLE:
10 LQCS EQ A2
40 NPID MQVS
40 WITH LQCS EQ A2
40 WITH MQVS EQ 7.5

The following acronyms can be used with the NUMERIC ALIGNMENT option for displaying the data so that decimal points are aligned.

Special Considerations:

- Display for LQVSN/LCVSN/MQVSN/MCCSN is valid only if the corresponding LQCS/LCCS/MQCS/MCCS selection was previously requested.
- Equal To (EQ) is the only operator accepted for selection

LQVSN	MQVSN
LCVSN	LCVSN

These can be used to sort or display data in;

30 Card Sort Statements
40 Card Display Statements
40 WITH Card Selection Statements

NOTE: There must be a 40 WITH Card Equal To (EQ) 'XX' (a 2 digit (Statistical Base Code), and a 40 WITH Card Equal To (EQ) a limit or measurement value to display the value for a specified Statistical Base Code numerically aligned.

EXAMPLE:
10 LCCS EQ A2
30 LCVS
40 NPID LCVSN
40 WITH LCCS EQ A2
40 WITH LCVS EQ 7.5

3.6.3 Retrieval Matrix

Acronym	Selection				Sort	Display						
	10		40 WITH		30	40	50		60	D	S	N
	N	A	N	A			R	C				
FLOW	•	•	•	•	•	•	•		•			•

Acronym	Selection				Sort	Display						
	10		40 WITH		30	40	50		60	D	S	N
	N	A	N	A			R	C				
LQAV		•	•	•	•	•	•		•			•
LQAS		•		•	•	•	•	•	•	•	•	
LQXS		•		•	•	•	•	•	•	•	•	
LCMS		•		•	•	•	•	•	•	•	•	
LCAS		•		•	•	•	•	•	•	•	•	
LCXS		•		•	•	•	•	•	•	•	•	
LCMO		•		•	•	•	•	•	•			
LCAO		•		•	•	•	•	•	•			
LQVM		•	•	•	•	•	•		•			•
LQCM		•		•	•	•	•	•	•	•	•	•
LCVM		•	•	•	•	•	•		•			•
LCCM		•		•	•	•	•	•	•	•	•	
MQVM		•	•	•	•	•	•		•			•
MCVM		•	•	•	•	•	•		•			•

Acronym	Selection				Sort	Display						
	10		40 WITH		30	40	50		60	D	S	N
	N	A	N	A			R	C				
LQCS		•		•	•	•	•	•	•	•	•	
LQVS		•	•	•	•	•	•		•			•
LCCS		•		•	•	•	•	•	•	•	•	
LCVS		•	•	•	•	•	•		•			•
MQVS		•	•	•	•	•	•		•			•
MCVS		•	•	•	•	•	•		•			•

Table 3-1. Statistical Base Code Retrieval Matrix

Legend:

The matrix above describes how acronyms can be used for generalized retrievals. There are 3 layers of headings. The top layer is the function, as in; Selection, Sort and Display. The second layer is the Card-Type, i.e.; 10, 20, 40 WITH, 40, 50 and 60. The 'D', 'S' and 'N' stand for Long Description, Short Description and Numeric Alignment capabilities. The third and final layer of headings, under the 10 and 40 WITH card types represents whether the data in these fields can be selected (N)umerically or (A)lphabetically. The 'R' and 'C' under the 50 card stands for (R)ow and (C)olumn.

Chapter 4. Fixed Format Reports

PCS Fixed Format Reports differ from flexible format reports in that their output display is fixed and cannot be modified. Selection criteria and special options are available to provide some flexibility in tailoring these reports to fit a user's individual needs. Listed below are detailed descriptions and instructions for each of the PCS fixed format reports.

4.1 Facility Report

The Facility Report lists all permit facility level information for selected NPDES permitted facilities along with any other requested data type information. (Figure 4-1 on page 4-2 through Figure 4-14 on page 4-12). The general format of the 20-card used to generate a "Facility Report" is:

```
20 FA SECTIONS=ARIPCOLMEGHSNX
```

where the letters correspond to optional sections which may be selected. SECTIONS = A prints all information for a given permit facility. No other section value may be used with "A". Permit facility data type information is included with any of the following options:

```
R - Inspection Scheduling Data
I - Inspection Data
P - Permit Event Data
C - Compliance Schedule and Compliance Schedule Violation
    Data
O - Pipe (Outfall) Schedule Data
L - Parameter Limits Data
M - Measurement Violation Data
E - Enforcement Action and Enforcement Action Key Data
G - Grant Data
H - Evidentiary Hearing Data
S - Single Event Violation Data
N - Pretreatment Inspection Data
X - Pretreatment Summary Data
```

Public Users

The Inspection Scheduling data is considered enforcement sensitive and is not available to the public. If a public user chooses the Inspection Scheduling data to be displayed on a Facility Report, the error message "INVALID FA SECTION/FILE: R" will be displayed and the report will not be produced.

When "SECTIONS = " is not specified on the 20-card, only facility level information is printed. No "20 WITH" card is used on a "Facility Report".

An example of how to code the 20-card to produce a facility report which displays permit facility, inspection, permit events and enforcement action information for each permitted facility selected is:

```
20 FA SECTIONS=IPE
```

```
1  12/19/89                                  PCS FACILITY REPORT                                  PAGE:     1

                                              IL0001520
                                               EXAMPLE
*****************************************************************************************************************************
                                        * GENERAL FACILITY INFORMATION *                          PERMIT NUMBER:  IL0001520
                                        *******************************                                    PAGE:   1
PERMIT NUMBER: IL0001520
FACILITY NAME: FIRESTONE TIRE & RUBBER CO      MAJOR/MINOR    :          TYPE OF OWNERSHIP: PRI  PRIVATE
  (SEGMENT 2): DECATUR                         MAJORS RATING  : 075      SIC CODE/DESCRIP : 3011 TIRES AND INNER TUBES
  (SEGMENT 3):                                 PREVIOUS RATING: NO CHG   INDUSTRIAL CLASS : P    PRIMARY ON ELG
  (SEGMENT 4):                                 ACTIVITY STATUS: ACTIVE   CODE OF FED. REG.: 430A RUBBER TIRES
                                               ACTIVITY DATE  :          FED FACILITY ID  :
CITY  : 20040 DECATUR S S                      EPA PRIORITY   :          CONSOLIDATED ID  : ILD005199013
COUNTY: 115   MACON                           REGION PRIORITY:          STATE PERMIT NO  :
STATE : IL  REGION : 05  SUB-REGION: 04

USGS HYD BAS CD:              STREAM SEGMENT   :     AVERAGE DESIGN FLOW     :        RDF1: G   RDF4:      RDF7:
USGS DESC:                                           FEDERAL GRANT INDICATOR :        RDF2:     RDF5:      RDF8:
RECEIVING STREAM CLASS CD:    MILEAGE INDICATOR:     FINAL LIMIT INDICATOR   : F       RDF3:     RDF6:      RDF9:
RECEIVING WATERS: SPRING CREEK                       WATER QUALITY LIMIT IND :        RDF0:
LATITUDE       : +3953300  LONGITUDE: -08855300      PRETREAT PGM REQUIRED   :        CONTROL AUTHORITY ID: IL0001520
LAT/LON CODE OF ACCURACY: 2 +/- 1 SECOND             ATTORNEY:      ENGINEER :        RECEIVING POTW ID:
LAT/LON METHOD  : A MAP INTERPOLATION                LAT/LON DATUM           : 1 NAD27
LAT/LON SCALE   : 3 24,000                           LAT/LON DESCRIPTION     :

SLUDGE INDICATOR: B NPDES PERMIT CONTAINING SLUDGE PIPES
SLUDGE CLASS FAC IND: 1 CLASS I            SLUDGE RELATED PERMIT # : IL0000345       ANNUAL DRY SLUDGE PROD:   10000 DMT/YR
SLUDGE USER DEFINED ELEMENT 1: 09     SLUDGE USER DEFINED ELEMENT 2: 071991

ARCHIVAL DESCRIPTOR:        LAST ARCHIVAL DATE:          PERMIT DATE ISSUED: 01/24/85  PERMIT DATE EXPIRED: 12/31/89
NEW SOURCE CODE:                        ORIGINAL PERMIT ISSUE DATE: 02/08/74  REISSUE NUMBER: 2

                                          **********************
                                          * MAILING INFORMATION *
                                          **********************

FACILITY LOCATION:                 PRIMARY DMR MAILING ADDRESS:          ALTERNATE DMR MAILING ADDRESS:
                                     FIRESTONE TIRE & RUBBER CO.
                                     2500 NORTH 22ND ST.

                                     DECATUR
                                     ILLINOIS            62526

OWNER'S ADDRESS:                   OPERATOR'S ADDRESS:                   SLUDGE COMMERCIAL HANDLER ADDRESS:



OWNER'S PHONE:                     OPERATOR'S PHONE:                     COGNIZANT OFFICIAL:
                                                                          OFFICIAL'S PHONE:
```

Figure 4-1. Facility Report - Permit Facility

```
DATE: 07/16/88                                  PCS FACILITY REPORT                                    PAGE:     2

                                                FOR NY PERMIT: NY0005878
*****************************************************************************************************************************
FACILITY: COMMANDER OIL CORP                   * PERMIT TRACKING DATA *                              PERMIT NUMBER: NY0005878
PERMIT TYPE: STANDARD                          ************************                                       PAGE:  2
TYPE OF APPLICATION: LR RAPP                  ORIGINAL ISSUE DATE: 06/17/74      NEW SOURCE CODE:
PERMIT ISSUED BY    : S STATE                 NUMBER OF REISSUES : E             NEW SOURCE DATE:
        PERMIT TRACKING EVENT             ACTUAL  SCHEDULED     PERMIT TRACKING EVENT       RDE1     RDE2
        CODE / DESCRIPTION                 DATE     DATE              COMMENTS
------------------------------------   --------  --------  ------------------------------  ----   ------
P20-NY RENEWAL RECEIVED FOR CODING      01/06/87
P20-99 APPLICATION COMPLETE             12/24/73
P21-NY RENEWAL CODING COMPLETED         07/21/87
P30-99 DRAFT PERMIT/PUBLIC NOTICE       01/07/74
P40-99 PERMIT ISSUED                    12/08/86  12/08/86  CONVERSION                      03
P50-99 PERMIT EXPIRED                   01/01/92  01/01/92  CONVERSION                      03
P60-99 PERMIT EFFECTIVE                 01/01/87
```

Figure 4-2. Facility Report - Permit Events

```
DATE: 02/13/92                                  PCS FACILITY REPORT                                    PAGE:     2

                                                   INSPECTION DATA

*****************************************************************************************************************************
FACILITY: CHEVRON USA INC                      *  INSPECTION DATA  *                                 PERMIT NUMBER: AK0000167
FACILITY TYPE: 2 INDUSTRIAL                    *********************                                          PAGE:  2

INSPECTION DATE: 07/12/78        INSPECTION TYPE: S COMPLIANCE SAMPLING

           BIOMONITORING INSPECTION METHOD : H FLOW-THROUGH CHRONIC                       REPORT RECEIVED DATE: 08/01/91
           INSPECTION PRE-PROCESSING HOURS : XXX               QA DATA-BASED INSPECTION: Q                     RDP1: XXX
           INSPECTION IN-PROCESSING HOURS  : XXX               INSPECTION FACILITY RATING CODE: XXX            RDP2: XXXXXX
           INSPECTION POST-PROCESSING HOURS: XXX

           INSPECTION COMMENTS:
            1) XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
            2) XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

           TOTAL NUMBER OF SLUDGE VIOLATIONS
             INCINERATOR: XXX       LAND APPLICATION: XXX       CO-DISPOSAL: XXX        MGMT PRACTICES: XXX
             DIST/MKTG  : XXX       SURFACE DISPOSAL: XXX       OTHER       : XXX

           SLUDGE COMMENTS:
            1) XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
            2) XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
            3) XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

Figure 4-3. Facility Report - Inspections

DATE: 02/26/90 PCS FACILITY REPORT PAGE: 8
FACILITY REPORT TEST #001

FACILITY: HILO COAST PROCESS * INSPECTION SCHEDULE DATA * PERMIT NUMBER: HI0000191
PAGE: 2

PERFORMED DATE	SCHEDULED INSPECTION TYPE CODE / DESCRIPTION	SCHEDULED INSPECTOR CODE / DESCRIPTION	SCHEDULED DATE	SCHEDULED INSPECTION QUARTER / YEAR
	P PRETREATMENT COMPL. INSPECTION	S STATE	06/01/90	4/90
		SCHEDULED INSPECTION COMMENTS:	TESTING COMMENT FIELDS	
	S COMPLIANCE SAMPLING	S STATE	06/30/90	4/90
		SCHEDULED INSPECTION COMMENTS:		
	X TOXICS INSPECTION	S STATE	02/15/90	3/90
		SCHEDULED INSPECTION COMMENTS:		
	5 IU SAMPLING INSPECTION W/PRETR	S STATE	02/15/90	3/90
		SCHEDULED INSPECTION COMMENTS:		
	5 IU SAMPLING INSPECTION W/PRETR	S STATE	09/30/90	1/91
		SCHEDULED INSPECTION COMMENTS:		
	6 IU NON-SAMPLING INSPECTION W/P	S STATE	06/01/90	4/90
		SCHEDULED INSPECTION COMMENTS:		
	7 IU TOXICS W/PRETREATMENT	S STATE	06/01/90	4/90
		SCHEDULED INSPECTION COMMENTS:	TESTING MULTIPLE INSP. TYPES	
01/30/90	A PERFORMANCE AUDIT	S STATE	03/31/90	3/90
		SCHEDULED INSPECTION COMMENTS:		
01/30/90	2 IU SAMPLING INSPECTION	S STATE	02/15/90	3/90
		SCHEDULED INSPECTION COMMENTS:		

Figure 4-4. Facility Report - Inspection Scheduling

Public Users

Inspection Scheduling data is considered enforcement sensitive data and is not available to the public.

```
DATE: 07/16/88                                   PCS FACILITY REPORT                                      PAGE:     5

                                               FOR NY PERMIT: NY0029050
*******************************************************************************************************************************
FACILITY: GLENS FALLS (C) STP          * PRETREATMENT INSPECTION/AUDIT DATA *              PERMIT NUMBER: NY0029050
                                        **************************************                    PAGE:  5
PCI/AUDIT DATE:  03/21/88                                         DATE PERMIT MODIFIED TO REQUIRE
INSPECTION TYPE: PRETREATMENT COMPL. INSPECTION                     PRETREATMENT IMPLEMENTATION:
NUMBER OF JURISDICTIONS COVERED BY PRETREATMENT PROGRAM:  0       ANNUAL PRETREATMENT BUDGET:
SIGNIFICANT INDUSTRIAL USERS:      4                              PASS-THROUGH INDICATOR:
CATEGORICAL INDUSTRIAL USERS:      4                              INTERFERENCE INDICATOR:
SIUS WITHOUT CONTROL MECHANISMS:   0                              ENFORCEMENT RESPONSE GUIDE:
SIUS NOT INSPECTED OR SAMPLED:     0
SIUS NOT INSPECTED OR SAMPLED AT REQUIRED FREQUENCY:  0           MAXIMUM CIVIL PENALTY PROVIDED BY LAW:         $0
% OF SIUS WHICH HAVE NOT INSTALLED REQUIRED PRETREATMENT:    0%
                                                                   SUPPORT OF MOST RECENT SUMMARY REPORT:
SIUS IN SIGNIFICANT NON-COMPLIANCE WITH                           VIOLATION OF SCHEDULE FOR REMEDIAL MEASURES:
  PRETREATMENT STANDARDS OR REPORTING:             0                RESPONSE TO VIOLATION:
    PRETREATMENT STANDARDS:                        0
    PRETREATMENT REPORTING REQUIREMENTS:           0              PROGRAM MODIFICATION TO ADDRESS
  SELF-MONITORING:                                 0                 DOMESTIC SEWAGE STUDY:
  SELF-MONITORING BUT NOT INSPECTED OR SAMPLED:    0                PIRT AMENDMENTS:
                                                                   PRETREATMENT COORDINATOR:
TECHNICAL EVALUATION FOR LOCAL LIMITS:
ADOPTION OF TECHNICALLY BASED LOCAL LIMITS:                       REGIONAL USER DATA ELEMENT 1:
TECHNICAL EVALUATION FOR COMPREHENSIVE LOCAL LIMITS:              REGIONAL USER DATA ELEMENT 2:
                                                                   FREQUENCY OF TOXICANT SAMPLING (PER YEAR)
REMOVAL CREDITS:                                                     SLUDGE:    0
REMOVAL CREDITS APPROVAL DATE:                                       INFLUENT:  0
                                                                      EFFLUENT:  0
ACCEPTANCE OF HAZARDOUS WASTE:
PROGRAM ELEMENT CHANGES:              ACCEPTANCE OF OTHER WASTE:                    SLUDGE DISPOSAL METHODS
 1)                                    1)                                             1)
 2)                                    2)                                             2)
 3)                                    3)                                             3)
 4)                                    4)                                             4)
 5)                                    5)                                             5)
 6)                                                                                   6)
```

Figure 4-5. Facility Report - Pretreatment Inspection/Audit Data (part 1)

DATE: 07/16/88 PCS FACILITY REPORT PAGE: 6

FOR NY PERMIT: NY0029050

FACILITY: GLENS FALLS (C) STP * PRETREATMENT INSPECTION/AUDIT DATA * PERMIT NUMBER: NY0029050
PAGE: 6
* CONTINUED *

DEFICIENCIES IN INTERPRETATION AND APPLICATION OF PRETREATMENT STANDARDS:	LEGAL AUTHORITY DEFICIENCIES:	CONTROL MECHANISM DEFICIENCIES:
1)	1)	1)
2)	2)	2)
3)	3)	3)
4)	4)	4)
5)	5)	5)
6)	6)	6)
7)	7)	7)
8)	8)	8)
9)	9)	
10)		
DEFICIENCIES IN DATA MANAGEMENT AND PUBLIC PARTICIPATION:	DEFICIENCIES IDENTIFIED DURING INDUSTRIAL USER FILE REVIEW:	DEFICIENCIES IN PRETREATMENT RESOURCES:
1)	1)	1)
2)	2)	2)
3)	3)	3)
4)	4)	4)
5)	5)	5)
6)	6)	6)
		7)
INADEQUACIES IN POTW SAMPLING AND INSPECTION OF INDUSTRIAL USERS:	DEFICIENCIES IN POTW SAMPLING OF INDUSTRIAL USERS:	MULTI-JURISDICTIONAL AGREEMENT DEFICIENCIES:
1)	1)	1)
2)	2)	2)
3)	3)	3)
4)	4)	4)
5)	5)	

Figure 4-6. Facility Report - Pretreatment Inspection/Audit Data (part 2)

DATE: 07/16/88 PCS FACILITY REPORT PAGE: 5

FOR NY PERMIT: NY0005878

FACILITY: COMMANDER OIL CORP * COMPLIANCE SCHEDULE INFORMATION * PERMIT NUMBER: NY0005878
PAGE: 5

SCHED NO.	DATA SOURCE	COMPLIANCE SCHEDULE EVENT CODE / DESCRIPTION	ACTUAL DATE	DATE SCHEDULED	DATE RECEIVED	COMPLIANCE SCHEDULE COMMENTS	RDC1	RDC2
01	0782	055-99 OPERATIONAL LEVEL ATTAINED		06/01/75		COND A(1)		
		*VIOLATION: C40			VIO DATE: 06/01/75	VIO CMNT: COMPLIANCE TRACKING VIOLATION *		
		* RNC DETECTION CODE: S SCH-COMPLIANCE SCHEDULE VIOL			* DETECTION DATE: 12/31/84	*		
		* RNC RESOLUTION CODE: 1 NC-UNRESOLVED RNC			* RESOLUTION DATE:	*		
01	0782	215-99 SPECIAL STUDY		04/01/75		PROG RPT ON ACHIEVING LIMITS		
		*VIOLATION: C40			VIO DATE: 04/01/75	VIO CMNT: COMPLIANCE TRACKING VIOLATION *		
		* RNC DETECTION CODE: N RPT-NONRECEIPT OF DMR/CS RPT			* DETECTION DATE: 12/31/84	*		
		* RNC RESOLUTION CODE: 1 NC-UNRESOLVED RNC			* RESOLUTION DATE:	*		
02	0782	055-99 OPERATIONAL LEVEL ATTAINED		01/01/77		COND A(2)		
		*VIOLATION: C40			VIO DATE: 01/01/77	VIO CMNT: COMPLIANCE TRACKING VIOLATION *		
		* RNC DETECTION CODE: S SCH-COMPLIANCE SCHEDULE VIOL			* DETECTION DATE: 12/31/84	*		
		* RNC RESOLUTION CODE: 1 NC-UNRESOLVED RNC			* RESOLUTION DATE:	*		
02	0782	215-99 SPECIAL STUDY		01/01/76		PROG RPT ON ACHIEVING LIMITS		
		*VIOLATION: C40			VIO DATE: 01/01/76	VIO CMNT: COMPLIANCE TRACKING VIOLATION *		
		* RNC DETECTION CODE: N RPT-NONRECEIPT OF DMR/CS RPT			* DETECTION DATE: 12/31/84	*		
		* RNC RESOLUTION CODE: 1 NC-UNRESOLVED RNC			* RESOLUTION DATE:	*		
03	0782	215-99 SPECIAL STUDY		10/01/76		PROG RPT ON ACHIEVING LIMITS		
		*VIOLATION: C40			VIO DATE: 10/01/76	VIO CMNT: COMPLIANCE TRACKING VIOLATION *		
		* RNC DETECTION CODE: N RPT-NONRECEIPT OF DMR/CS RPT			* DETECTION DATE: 12/31/84	*		
		* RNC RESOLUTION CODE: 1 NC-UNRESOLVED RNC			* RESOLUTION DATE:	*		
11	0782	055-99 OPERATIONAL LEVEL ATTAINED		01/01/77		COND A(2)		
		*VIOLATION: C40			VIO DATE: 01/01/77	VIO CMNT: COMPLIANCE TRACKING VIOLATION *		
		* RNC DETECTION CODE: S SCH-COMPLIANCE SCHEDULE VIOL			* DETECTION DATE: 12/31/84	*		
		* RNC RESOLUTION CODE: 1 NC-UNRESOLVED RNC			* RESOLUTION DATE:	*		
11	0782	215-99 SPECIAL STUDY		01/01/76		PROG RPT ON ACHIEVING LIMITS		
		*VIOLATION: C40			VIO DATE: 01/01/76	VIO CMNT: COMPLIANCE TRACKING VIOLATION *		
		* RNC DETECTION CODE: N RPT-NONRECEIPT OF DMR/CS RPT			* DETECTION DATE: 12/31/84	*		
		* RNC RESOLUTION CODE: 1 NC-UNRESOLVED RNC			* RESOLUTION DATE:	*		

Figure 4-7. Facility Report - Compliance Schedule Data

```
1 DATE: 09/23/93                                PCS FACILITY REPORT                                      PAGE:     4
0                                                  FACILITY TEST
0*******************************************************************************************************************
  FACILITY: CHEVRON USA INC                    * OUTFALL DATA / DMR SCHEDULE *                   PERMIT NUMBER: AK0000167
                                               *******************************                            PAGE:  4
0 OUTFALL
  --------
0  001A   OUTFALL DESCRIPTION: DSCH EXCEPT DURING ASPHALT PRD      OUTFALL ACTIVITY STATUS: A ACTIVE  ACTIVITY DATE:
          OUTFALL TYPE: S SLUDGE              TYPE EFFLUENT WASTE: 04  PROCESS WATER                SEASONAL INDS: YYYYYYYYYYYY
          TREATMENT TYPES      4C5P1H4H1U2D3J4B
                        1. 4C REUSE/RECYCLE OF TREATED EFFLU   2. 5P LAND APPLICATION (SLUDGE)
                        3. 1H FLOTATION                        4. 4H GREASE REMOVAL
                        5. 1U SEDIMENTATION (SETTLING)         6. 2D COAGULATION
                        7. 3J POLISHING LAGOONS                8. 4B OCEAN DISCHARGE THROUGH OUTFAL
                        9.                                     10.
                       11.                                     12.

          USGS HYD BAS CD: 01040808                            STREAM SEGMENT   : 0021
          USGS DESC: NASHUA, MASSACHUSETTS.                    MILEAGE INDICATOR: 015.3
          RECEIVING STREAM CLASS CD:  PO                       INITIAL LIMITS START DATE:            END DATE:
          OUTFALL LATITUDE: +4202100    LONGITUDE: -07153130   INTERIM LIMITS START DATE:            END DATE:
          LAT/LON CODE OF ACCURACY: 2 +/- 1 SECOND             FINAL   LIMITS START DATE: 02/01/89  END DATE: 01/24/94
          LAT/LON METHOD    : A MAP INTERPOLATION              LAT/LON DATUM      : 1 NAD27
          LAT/LON SCALE     : 3 24,000                         LAT/LON DESCRIPTION: 02099 END OF DISCHARGE POINT
          SLUDGE USE OPTION: A LAND APPLICATIO                 LAND REUSE OPTION: 01 SILVICULTURE
          CROP CLASS        : 3 NON-FEED                       CROP TYPE          : 20 BROCCOLI
0         INITIAL REPORTING DATE : 02/01/89  INITIAL SUBMISSION DATE(EPA): 03/10/89  DMR CMT 1: REPORT "NO DISCHARGE" ("ND") IF ASP
          REPORTING UNITS        : M MONTHS  SUBMISSION UNITS(EPA)        : M MONTHS          2: HALT IS BEING PRODUCED.
          NO. UNITS IN RPT PERIOD: 001       NO. UNITS IN SUBMIT. PERIOD : 01                 3:
          TOTAL NO. OF REPORTS   : 060                                                         4:
                                             INITIAL SUBMISSION DATE(STATE): 03/10/89          5:
          AGENCY REVIEWER:                   SUBMISSION UNITS(STATE)       : M MONTHS          6:
          MIN # DMR LINES: 00                NO. UNITS IN SUBMIT. PERIOD   : 01                7:
                                                                                               8:
          RDP1:  0      RDP2:       0                                                          9:
0  001B   OUTFALL DESCRIPTION: DISCHARGE DURING ASPHALT PROD.      OUTFALL ACTIVITY STATUS: A ACTIVE  ACTIVITY DATE:
          OUTFALL TYPE: S SLUDGE              TYPE EFFLUENT WASTE: 04  PROCESS WATER                SEASONAL INDS: YYYYYYYYYYYY
          TREATMENT TYPES      4C5P1H4H1U2D3J4B
                        1. 4C REUSE/RECYCLE OF TREATED EFFLU   2. 5P LAND APPLICATION (SLUDGE)
                        3. 1H FLOTATION                        4. 4H GREASE REMOVAL
                        5. 1U SEDIMENTATION (SETTLING)         6. 2D COAGULATION
                        7. 3J POLISHING LAGOONS                8. 4B OCEAN DISCHARGE THROUGH OUTFAL
                        9.                                     10.
                       11.                                     12.

          USGS HYD BAS CD: 01040808                            STREAM SEGMENT   : 0021
          USGS DESC: NASHUA, MASSACHUSETTS.                    MILEAGE INDICATOR: 015.3
          RECEIVING STREAM CLASS CD:  PO                       INITIAL LIMITS START DATE:            END DATE:
          OUTFALL LATITUDE: +4202100    LONGITUDE: -07153130   INTERIM LIMITS START DATE:            END DATE:
          LAT/LON CODE OF ACCURACY: 2 +/- 1 SECOND             FINAL   LIMITS START DATE: 01/23/89  END DATE: 01/24/94
          LAT/LON METHOD    : A MAP INTERPOLATION              LAT/LON DATUM      : 1 NAD27
          LAT/LON SCALE     : 3 24,000                         LAT/LON DESCRIPTION: 02099 END OF DISCHARGE POINT
          SLUDGE USE OPTION: A LAND APPLICATIO         LAND REUSE OPTION: 01 SILVICULTURE
          CROP CLASS        : 3 NON-FEED               CROP TYPE          : 20 BROCCOLI
0         INITIAL REPORTING DATE : 02/01/89  INITIAL SUBMISSION DATE(EPA): 03/10/89  DMR CMT 1: REPORT "NO DISCHARGE" ("ND") IF ASP
          REPORTING UNITS        : M MONTHS  SUBMISSION UNITS(EPA)        : M MONTHS          2: HALT IS NOT BEING PRODUCED.
          NO. UNITS IN RPT PERIOD: 001       NO. UNITS IN SUBMIT. PERIOD : 01                 3:
          TOTAL NO. OF REPORTS   : 060                                                         4:
                                             INITIAL SUBMISSION DATE(STATE): 03/10/89          5:
          AGENCY REVIEWER:                   SUBMISSION UNITS(STATE)       : M MONTHS          6:
          MIN # DMR LINES: 00                NO. UNITS IN SUBMIT. PERIOD   : 01                7:
                                                                                               8:
          RDP1:  0      RDP2:       0                                                          9:
```

Figure 4-8. Facility Report - Pipe Schedule Data

DATE: 11/25/92 PCS FACILITY REPORT PAGE: 12

FA REPORT FROM BETA

FACILITY: KENYON INDUSTRIES INC * LIMITS DATA * PERMIT NUMBER: RI0000191
PAGE: 12

OUTFALL/ LIM TYPE	MONITORING LOCATION/ PARAMETER	GENERAL LIMITS INFORMATION	QUANTITY UNITS	QUANTITY AVERAGE	QUANTITY MAXIMUM	CONCENTRATION UNITS	CONCENTRATION MINIMUM	CONCENTRATION AVERAGE	CONCENTRATION MAXIMUM
001A FINAL	MON LOC CODE: B PRIOR TO DISINFECT PARAM CODE: TAM3B LC50 STATRE 48HR ACU CERIODAPHNIA	MOD NUMBER: 0 SEASON NUMBER: 0 MOD. DATES: 07/01/91-06/30/96 CONTESTED PARAMETER: CHANGE OF LIMITS STATUS: SEASONAL LIMITS: NNYNNYNNYNNY SAMPLE TYPE: 24 COMP24 FREQ OF ANALYSIS: 01/90 QTRLY STANDARDS BASIS: DMR1: DMR2: DMR3:	WRITTEN: STANDARD: WKLY AVG STAT BASE CODES: WA OVERRIDE:			PERCENT 23 PERCENT 23	ADDMON DAILY MN	DELMON WKLY AVG DC	DELMON WA
001A FINAL	MON LOC CODE: B PRIOR TO DISINFECT PARAM CODE: TAM3D LC50 STATRE 48HR ACU D. PULEX	MOD NUMBER: 0 SEASON NUMBER: 0 MOD. DATES: 07/01/91-06/30/96 CONTESTED PARAMETER: CHANGE OF LIMITS STATUS: SEASONAL LIMITS: NNYNNYNNYNNY SAMPLE TYPE: 24 COMP24 FREQ OF ANALYSIS: 01/90 QTRLY STANDARDS BASIS: DMR1: DMR2: DMR3:	WRITTEN: STANDARD: WKLY AVG STAT BASE CODES: WA OVERRIDE:			PERCENT 23 PERCENT 23	ADDMON DAILY MN	DELMON WKLY AVG DC	DELMON WA
001A FINAL	MON LOC CODE: B PRIOR TO DISINFECT PARAM CODE: TAM6C LC50 STATRE 48HR ACU PIMEPHALES	MOD NUMBER: 0 SEASON NUMBER: 0 MOD. DATES: 07/01/91-06/30/96 CONTESTED PARAMETER: CHANGE OF LIMITS STATUS: SEASONAL LIMITS: NNYNNYNNYNNY SAMPLE TYPE: 24 COMP24 FREQ OF ANALYSIS: 01/90 QTRLY STANDARDS BASIS: DMR1: DMR2: DMR3:	WRITTEN: STANDARD: WKLY AVG STAT BASE CODES: WA OVERRIDE:			PERCENT 23 PERCENT 23	ADDMON DAILY MN	DELMON WKLY AVG DC	DELMON WA
001A FINAL	MON LOC CODE: B PRIOR TO DISINFECT PARAM CODE: TDM3B NOAEL STATRE 48HR AC U CERIODAPHNIA	MOD NUMBER: 0 SEASON NUMBER: 0 MOD. DATES: 07/01/91-06/30/96 CONTESTED PARAMETER: CHANGE OF LIMITS STATUS: SEASONAL LIMITS: NNYNNYNNYNNY SAMPLE TYPE: 24 COMP24 FREQ OF ANALYSIS: 01/90 QTRLY STANDARDS BASIS: DMR1: DMR2: DMR3:	WRITTEN: STANDARD: WKLY AVG STAT BASE CODES: WA OVERRIDE:			PERCENT 23 PERCENT 23	ADDMON DAILY MN	DELMON WKLY AVG DC	DELMON WA

Figure 4-9. Facility Report - Parameter Limits Data

DATE: 07/16/88 PCS FACILITY REPORT PAGE: 13

FOR NY PERMIT: NY0005878

FACILITY: COMMANDER OIL CORP * MEASUREMENTS AND VIOLATIONS DATA * PERMIT NUMBER: NY0005878
PAGE: 13

OUTFALL/ LIM TYPE	MONITORING LOCATION/ PARAMETER	MONITOR PERIOD END DATE	RPTD. NO. OF EXCURS	REPORTED FREQ OF ANALYSIS	RPTD. SAMPLE TYPE	QUANTITY RPTD. UNITS	QUANTITY AVERAGE	QUANTITY MAXIMUM	CONCENTRATION RPTD. UNITS	CONCENTRATION MINIMUM	CONCENTRATION AVERAGE	CONCENTRATION MAXIMUM
001A FINAL	EFFLUENT GROSS VALUE PARAM CODE: 00056 FLOW RATE	01/31/86					4000	4000				
		* VIOLATION: E00 MEASUREMENT ONLY, NO VIOLATION										
		* RNC DETECTION CODE:						* DETECTION DATE:				
		* RNC RESOLUTION CODE:						* RESOLUTION DATE:				
001A FINAL	EFFLUENT GROSS VALUE PARAM CODE: 00056 FLOW RATE	02/28/86					4000	4000				
		* VIOLATION: E00 MEASUREMENT ONLY, NO VIOLATION										
		* RNC DETECTION CODE:						* DETECTION DATE:				
		* RNC RESOLUTION CODE:						* RESOLUTION DATE:				
001A FINAL	EFFLUENT GROSS VALUE PARAM CODE: 00056 FLOW RATE	03/31/86					4000	4000				
		* VIOLATION: E00 MEASUREMENT ONLY, NO VIOLATION										
		* RNC DETECTION CODE:						* DETECTION DATE:				
		* RNC RESOLUTION CODE:						* RESOLUTION DATE:				
001A FINAL	EFFLUENT GROSS VALUE PARAM CODE: 00056 FLOW RATE	08/31/86					4000	4000				
		* VIOLATION: E00 MEASUREMENT ONLY, NO VIOLATION										
		* RNC DETECTION CODE:						* DETECTION DATE:				
		* RNC RESOLUTION CODE:						* RESOLUTION DATE:				
001A FINAL	EFFLUENT GROSS VALUE PARAM CODE: 00056 FLOW RATE	09/30/86					4000	4000				
		* VIOLATION: E00 MEASUREMENT ONLY, NO VIOLATION										
		* RNC DETECTION CODE:						* DETECTION DATE:				
		* RNC RESOLUTION CODE:						* RESOLUTION DATE:				
001A FINAL	EFFLUENT GROSS VALUE PARAM CODE: 00056 FLOW RATE	10/31/86					4000	4000				
		* VIOLATION: E00 MEASUREMENT ONLY, NO VIOLATION										
		* RNC DETECTION CODE:						* DETECTION DATE:				
		* RNC RESOLUTION CODE:						* RESOLUTION DATE:				
001A FINAL	EFFLUENT GROSS VALUE PARAM CODE: 00056 FLOW RATE	11/30/86					E4000	E4000				
		* VIOLATION: E00 MEASUREMENT ONLY, NO VIOLATION										
		* RNC DETECTION CODE:						* DETECTION DATE:				
		* RNC RESOLUTION CODE:						* RESOLUTION DATE: 02/10/87				

Figure 4-10. Facility Report - Measurement Violations Data

```
DATE: 07/16/88                                  PCS FACILITY REPORT                                       PAGE:     71

                                              FOR NY PERMIT: NY0029050
**********************************************************************************************************************************
FACILITY: GLENS FALLS (C) STP                  * ENFORCEMENT ACTION DATA *                         PERMIT NUMBER: NY0029050
                                               ***************************                                  PAGE: 71
ENFORCEMENT ACTION: 01 NO CURRENT ACTN WARRANTED       ENFORCEMENT ACTION TYPE : C1 ALL COMPLIANCE VIOS FOR PERMIT
      TYPE CODE   : S ISSUED BY STATE                    COMPLIANCE SCHEDULE NO:
      ACTION DATE: 02/23/88                              DATA SOURCE CODE      :
      STATUS      : CO COMPLIANCE                        VIOLATION EVENT       :
      STATUS DATE: 02/23/88                              VIOLATION DATE        :
      RESPONSE DUE DATE:                                 COMMENTS:
      RESPONSE RECEIVED:                                 (1) IN COMPLIANCE, CONST SUBSTANT  (2) COMPLT.
      PARTY RESPONDING :                                 (3)                                (4)
      REGIONAL FILE NO : CWAII8154                       (5)                                (6)
                                                         (7)                                (8)
                                                         (9)                                (10)
ENFORCEMENT ACTION: 03 WARNING LETTER                  ENFORCEMENT ACTION TYPE : C1 ALL COMPLIANCE VIOS FOR PERMIT
      TYPE CODE   : E ISSUED BY EPA                      COMPLIANCE SCHEDULE NO:
      ACTION DATE: 03/31/81                              DATA SOURCE CODE      :
      STATUS      : AR ADMINISTRATIVELY RESOLVED         VIOLATION EVENT       :
      STATUS DATE: 07/16/81                              VIOLATION DATE        :
      RESPONSE DUE DATE: 04/14/81                        COMMENTS:
      RESPONSE RECEIVED:                                 (1) FOR FAILURE TO SUBMIT GA PERF. (2) SAMPLE,1699 REQ
      PARTY RESPONDING : PAB                             (3)                                (4)
      REGIONAL FILE NO :                                 (5)                                (6)
                                                         (7)                                (8)
                                                         (9)                                (10)
ENFORCEMENT ACTION: 03 WARNING LETTER                  ENFORCEMENT ACTION TYPE : C1 ALL COMPLIANCE VIOS FOR PERMIT
      TYPE CODE   : E ISSUED BY EPA                      COMPLIANCE SCHEDULE NO:
      ACTION DATE: 05/08/81                              DATA SOURCE CODE      :
      STATUS      : AR ADMINISTRATIVELY RESOLVED         VIOLATION EVENT       :
      STATUS DATE: 07/16/81                              VIOLATION DATE        :
      RESPONSE DUE DATE: 05/22/81                        COMMENTS:
      RESPONSE RECEIVED:                                 (1) FOR 1699                       (2)
      PARTY RESPONDING : PAB                             (3)                                (4)
      REGIONAL FILE NO :                                 (5)                                (6)
                                                         (7)                                (8)
                                                         (9)                                (10)
ENFORCEMENT ACTION: 25 CONSENT DECREE                  ENFORCEMENT ACTION TYPE : C1 ALL COMPLIANCE VIOS FOR PERMIT
      TYPE CODE   : S ISSUED BY STATE                    COMPLIANCE SCHEDULE NO:
      ACTION DATE: 08/28/81                              DATA SOURCE CODE      :
      STATUS      : AE ADMINISTRATIVE EXTENSION          VIOLATION EVENT       :
      STATUS DATE: 08/28/81                              VIOLATION DATE        :
      RESPONSE DUE DATE:                                 COMMENTS:
      RESPONSE RECEIVED:                                 (1) DRAFT STP DESIGN AGREEMNT AND  (2) P+S(OUTFALL) SUBTD. STP CONST
      PARTY RESPONDING :                                 (3) PROG GOOD, BUT BEHIND SCH. FAC (4) START-UP TO BEGIN BY 1286,
      REGIONAL FILE NO : CWAII8154                       (5) PERF TESTNG BY 1287.           (6)
                                                         (7)                                (8)
                                                         (9)                                (10)
```

Figure 4-11. Facility Report - Enforcement Action Data

```
DATE: 07/16/88                                  PCS FACILITY REPORT                                       PAGE:     46

                                              FOR NY PERMIT: NY0005878
**********************************************************************************************************************************
FACILITY: COMMANDER OIL CORP                  * EVIDENTIARY HEARING DATA *                          PERMIT NUMBER: NY0005878
                                              ****************************                                  PAGE: 46
      EVIDENTIARY HEARING ISSUE 1: 084 MISC TECH                         HEADQUARTERS DOCKET NO: IIWP7433
      EVIDENTIARY HEARING ISSUE 2: 007 AMMONIA                           REGIONAL FILE NUMBER  :
      EVIDENTIARY HEARING ISSUE 3: 091 BYPASS
      EVIDENTIARY HEARING EVENT        EVENT       EVIDENTIARY HEARING
         CODE / DESCRIPTION            DATE             COMMENTS                    RDH1    RDH2
------------------------------------  --------  -----------------------------  -----  ------
010-99 DATE GRANTED                   12/06/74
070-99 REQUEST RECEIVED               05/23/74  STATE TO RENEW PERMIT
```

Figure 4-12. Facility Report - Evidentiary Hearing Data

```
DATE: 07/18/88                          PCS FACILITY REPORT                              PAGE:    32

                                       FOR AL PERMIT: AL0022713
******************************************************************************************************************
FACILITY: TUSCALOOSA-WPC PLT                  * GRANTS DATA *                        PERMIT NUMBER: AL0022713
                                              ***************                                 PAGE: 32
                          GRANT
                          NUMBER             STATUS               COMMENTS
                         ---------  ------------------------  ------------------------------
                         123                                  TEST
```

Figure 4-13. Facility Report - Grants Data

```
DATE: 07/18/88                          PCS FACILITY REPORT                              PAGE:    97

                                       FOR AR PERMIT: AR0033553
******************************************************************************************************************
FACILITY: ROGERS, CITY OF              *  PRETREATMENT PERFORMANCE SUMMARY DATA  *        PERMIT NUMBER: AR0033553
                                       *******************************************                  PAGE: 97
PRETREATMENT PERFORMANCE SUMMARY START DATE: 01/01/87       SIUS SUBJECT TO ANY ENFORCEMENT ACTION:            0
PRETREATMENT PERFORMANCE SUMMARY END DATE:   12/31/87
                                                              IUS FROM WHICH PENALTIES HAVE BEEN COLLECTED:          0
CATEGORICAL IUS IN SNC:   0                                  DOLLAR AMOUNT OF PENALTIES COLLECTED:        $0

SIUS IN SNC WITH PRETREATMENT COMPLIANCE SCHEDULES:   0      CIVIL AND CRIMINAL ACTIONS FILED AGAINST SIUS:  0
SIUS ON COMPLIANCE SCHEDULES:                          0      CIVIL ACTIONS FILED AGAINST SIUS:              0
                                                              CRIMINAL ACTIONS FILED AGAINST SIUS:           0
SIUS WITH SIGNIFICANT VIOLATIONS PUBLISHED IN NEWSPAPER:   3
                                                              NOTICES OF VIOLATION AND ADMINISTRATIVE ORDERS ISSUED:  20
REGIONAL USER DATA ELEMENT 1:                                NOTICES OF VIOLATION ISSUED:                             0
REGIONAL USER DATA ELEMENT 2:                                ADMINISTRATIVE ORDERS ISSUED:                            0
```

Figure 4-14. Facility Report - Pretreatment Performance Summary Data

4.2 Compliance Forecast Report

The Compliance Forecast Report (Figure 4-15 on page 4-13) lists those compliance schedule events which are scheduled or have been achieved within a specified time period. The proper retrieval format on the 20-card for this report is:

```
20 CP
20 WITH DTSC (or DTAC) GT (or GE) mmddyy
20 WITH DTSC (or DTAC) LT (or LE) mmddyy
20 WITH ACRONYM OPERATOR VALUE
```

"mmddyy" represents a date in the month-day-year format where mm = month, dd = day, and yy = year. The specified dates should be the period of interest to the user. The first two "20 WITH" cards are required. Other compliance schedule data items may be included with additional "20 WITH" cards. "ACRONYM" is any acronym of the compliance schedule data type; "OPERATOR" is any logical operator; and "VALUE" is the value the acronym may take. For example:

```
20 CP
20 WITH DTSC GT 100185 (With Date Scheduled on or after
                        10/1/85)
20 WITH DTSC LT 110185 (With Date Scheduled before 11/1/85)
```

would list all compliance schedule information scheduled for October 1985.

DATE: 07/23/88 PCS COMPLIANCE FORECAST REPORT PAGE 1
NEBRASKA MAJOR FACILITIES
WITH EVENTS SCHEDULED DURING 1988
REPORT PERIOD: 01/01/88 - 12/31/88

FACILITY IDENTIFICATION	SCHED NO.	DATA SOURCE	COMPLIANCE SCHEDULE EVENT / COMMENTS	DATE SCHEDULED	ACTUAL DATE	DATE RECEIVED
PERMIT NO: NE0023884 MAJOR SIDNEY STP CHEYENNE	MC	0001	045-99 END CONSTRUCTION	07/01/88		
			056-99 FINAL COMPLIANCE W/EFF LIMITS	07/01/88		
PERMIT NO: NE0034304 MAJOR CRETE STP SALINE	MC	0001	045-99 END CONSTRUCTION	07/01/88		
			056-99 FINAL COMPLIANCE W/EFF LIMITS	07/01/88		
PERMIT NO: NE0036358 MAJOR OMAHA MISSOURI RIVER STP SARPY	MC	0002	035-99 1ST RPT CONSTRUCTION PROGRESS RPT PROGRES CONSTRUC AT FACILI	04/01/88		
			056-99 FINAL COMPLIANCE W/EFF LIMITS ACHIEVE COMPL 2NDARY TRTMENT	07/01/88		
PERMIT NO: NE0112810 MAJOR OMAHA PAPILLION CREEK PLANT SARPY	MC	0001	045-99 END CONSTRUCTION COMPLET CONSTRU TRICKL/CLARIFI	04/01/88		

Figure 4-15. Compliance Forecast Report

4.3 Compliance Forecast With Violations Report

The "Compliance Forecast with Violations Report" (Figure 4-16 on page 4-14) lists compliance schedule events and their associated compliance schedule violations within a specified time period. The proper retrieval format on the 20-card for this report is:

```
20 CV
20 WITH CVDT GT (or GE) mmddyy
20 WITH CVDT LT (or LE) mmddyy
20 WITH ACRONYM OPERATOR VALUE
```

"mmddyy" represents a date in month-day-year format where mm = month, dd = day, and yy = year. The specified dates should be the beginning and end dates of the period of interest to the user. The first two "20 WITH" cards are required. Other compliance schedule family items may be included with additional "20 WITH" cards. "ACRONYM" is an acronym of the compliance schedule or compliance schedule violation data type, "OPERATOR" is any logical operator, and "VALUE" is the value the acronym may take. For example:

```
20 CV
20 WITH CVDT GT 093085  (With Compliance Violation Date
                         after 9/30/85)
20 WITH CVDT LT 110185  (With Compliance Violation Date
                         before 11/1/85)
```

would display all compliance schedule violations for October 1985.

DATE: 07/23/88 PCS COMPLIANCE FORECAST REPORT WITH VIOLATIONS PAGE 2
WASHINGTON MAJOR FACILITIES
WITH EVENT VIOLATIONS DURING 1987
REPORT PERIOD: 01/01/88 - 12/31/88

FACILITY IDENTIFICATION	SCHED NO.	DATA SOURCE	COMPLIANCE SCHEDULE EVENT / COMMENTS	DATE SCHEDULED	ACTUAL DATE	DATE RECEIVED
PERMIT NO: WA0002780 MAJOR DEFENSE, NAVY KITSAP	50	0790	002-99 2ND REPORT OF PROGRESS 2ND STATIC TOXICITY RESULTS	11/15/88		
PERMIT NO: WA0003743 MAJOR ENERGY BENTON	01	0790	215-99 SPECIAL STUDY LOW FLOW-RECEIVING WATER STUDY	12/31/84	12/31/84	12/31/84
PERMIT NO: WA0021954 MAJOR DEFENSE, ARMY PIERCE	01	0790	001-99 1ST REPORT OF PROGRESS ANNUAL I/I REPORT P11	05/31/88	05/27/88	05/27/88
			002-99 2ND REPORT OF PROGRESS ANNUAL I/I REPORT P11	05/31/89		
			003-99 3RD REPORT OF PROGRESS ANNUAL I/I REPORT P11	05/31/90		
			004-99 4TH REPORT OF PROGRESS ANNUAL I/I REPORT P11	05/31/91		
			115-99 INFILTRATION REPORT ANNUAL I/I REPORT P11	05/31/87	06/08/87	06/11/87
	50	0790	001-99 1ST REPORT OF PROGRESS BIOASSAY TEST P10	04/28/87	05/15/87	05/07/87
			002-99 2ND REPORT OF PROGRESS BIOASSAY TESTS P10	07/28/87	09/04/87	09/04/87
			003-99 3RD REPORT OF PROGRESS BIOASSAY TESTS P10	10/28/87	01/20/88	01/20/88
			004-99 4TH REPORT OF PROGRESS BIOASSAY TESTS P10	01/28/88	02/16/88	02/16/88
* VIOLATION: ACHIEVED LATE VIOLATION VIO DATE: 01/28/88 DATE RESOLVED: 02/16/88 *						
* VIO CMNT : COMPLIANCE TRACKING VIOLATION SNC: RPT-NONRECEIPT OF DMR/CS RPT SNC DT: 02/27/88*						
			005-99 5TH REPORT OF PROGRESS SEMI-ANNUAL BIOASSAY RESULTS	11/15/88		

Figure 4-16. Compliance Forecast with Violations Report

4.4 Limitation Summary Report

The "Limitation Summary Report" (Figure 4-17 on page 4-15) prints all information on pipe schedules and their related parameter limits. This report contains permit facility, pipe schedule, and parameter limits information. To retrieve this report the user should adhere to the following general format on the 20-card:

```
20 LS CURRENT= (xxx) or (mmddyy)
```

There are *no required* "20 WITH" cards on a "Limitations Summary Report"; however, effluent family data may be qualified using "20 WITH" cards of the following format:

```
20 WITH ACRONYM1 OPERATOR1 VALUE1
20 WITH ACRONYM2 OPERATOR2 VALUE2
```

"ACRONYM1" and "ACRONYM2" are any acronyms in the effluent family (excluding measurement violation and permit facility data types); "OPERATOR1" and "OPERATOR2" are any logical operators, and "VALUE1" and "VALUE2" are any values appropriate to the corresponding acronyms. For example:

```
20 LS
20 WITH PRAM EQ 00530  (With Parameter Code equal TSS)
```

would display all permit facility, pipe schedule, and parameter limits data that corresponds to a limit for total suspended solids. No other parameter limits or pipe schedule information would be shown.

The "CURRENT=" option provides the opportunity to request only those limits in effect as of a specified date. "CURRENT=YES" will print the limits in effect as of the current date. "CURRENT= mmddyy", where mmddyy represents a date in month-day-year format, will print the limits that were in effect as of a specified date. The default for the "CURRENT=" Option is "CURRENT=NO" which will print all the qualifying limits.

```
DATE: 07/23/88                                       PCS LIMITATIONS SUMMARY REPORT                                          PAGE   1
                                                       VERMONT MAJOR FACILITIES
                                                         WITH CURRENT LIMITS
*******************************************************************************************************************************************
                                                        ***  FACILITY DATA  ***                                   PERMIT NUMBER: VT0100889
                                                                                                                          PAGE:   1
FACILITY NAME: BARRE CITY STP                       MAJOR/MINOR     : MAJOR       SIC CODE          : SEWERAGE SYSTEMS
CITY          : BARRE /C/                           ACTIVITY STATUS: ACTIVE       TYPE OWNERSHIP  : PUBLIC
COUNTY        : WASHINGTON                          PERMIT ISSUED   : 11/03/86    RIVER BASIN      : NE/LAKE CHAMPLAIN
REGION        : 01   SUB-REGION:                    PERMIT EXPIRES : 06/30/91     COGN. OFFICIAL  : ROBT SEARLES - SUPERINTENDENT
                                                        ***  OUTFALL DATA  ***
OUT-             OUTFALL                  ACTIVITY  REPORTS   REPORT  TOTAL  INITIAL  LIMITS    INTERIM  LIMITS     FINAL  LIMITS
FALL          DESCRIPTION                  STATUS   START     FREQ    RPTS    START     END      START     END       START  END
----  ------------------------------  --------  --------  ------  -----  -------- --------  -------- --------  -------- --------

001A  OUTFALL 001                         ACTIVE    01/01/85  001 MO  060                                                11/03/86 06/30/91
OUTFALL TYPE:
SEASONAL INDICATOR:  YYYYYYYYYYYY
TREATMENT TYPES:

SLUDGE USE OPTION:                                  LAND REUSE OPTION:
CROP CLASS:                                         CROP TYPE:
PIPE COMMENTS:
PIPE COMMENTS:

Note:  The sludge fields above will appear only if a sludge OUTFALL TYPE is present.

                                                       ***  LIMITS DATA  ***
OUT-  LIMIT        PARAMETER /       SEASONAL IND./ SAMPLE     ---------QUANTITY---------- -----------CONCENTRATION------------
FALL  TYPE     MONITORING LOCATION  MOD. NB/DATES  TYPE/FREQ    UNITS   AVERAGE  MAXIMUM     UNITS   MINIMUM  AVERAGE  MAXIMUM
----  -------  -------------------- -------------- ---------- --------- -------- -------- --------- -------- -------- --------
001A  FINAL    00181                0 NNNNNYYYYNNN COMPOS     LBS/DAY   1500     MON ONLY NO UNITS   ******   ******   ******
               OXYGEN DEMAND,       0 (MOD NUMBER) 01/07      KG/DAY      680.4 MON ONLY MG/L       ******   ******   ******
               ULTIMATE             11/03/86 -     WEEKLY               30DA AVG DAILY MX                     30DA AVG DAILY MX
               MON LOC CODE: 1             06/30/91
               EFFLUENT GROSS VALUE
001A  FINAL    00310                0 YYYYYYYYYYYY            LBS/DAY   MON ONLY MON ONLY MG/L        ****** MON ONLY MON ONLY
               BOD, 5-DAY           0 (MOD NUMBER)            KG/DAY    MON ONLY MON ONLY MG/L       ******   MON ONLY MON ONLY
                   (20 DEG. C)      11/03/86 -                          30DA AVG DAILY MX                     30DA AVG DAILY MX
               MON LOC CODE: G             06/30/91
               RAW SEW/INFLUENT
001A  FINAL    00310                1 NNNNNYYYYNNN COMPOS     LBS/DAY   MON ONLY DELMON   MG/L       DELMON   MON ONLY MON ONLY
               BOD, 5-DAY           0 (MOD NUMBER) 01/30      KG/DAY    MON ONLY ******   MG/L       ******   MON ONLY MON ONLY
                   (20 DEG. C)      11/03/86 -     ONCE/                30DA AVG DAILY MX                     30DA AVG DAILY MX
               MON LOC CODE: 1             06/30/91  MONTH
               EFFLUENT GROSS VALUE
001A  FINAL    00400                0 YYYYYYYYYYYY GRAB       NO UNITS    ******   ****** SU         6.5         ****** 8.0
               PH                   0 (MOD NUMBER) 01/01      NO UNITS  ******   ******   SU              6.5 ******       8.0
                                    11/03/86 -     DAILY                                              MINIMUM           MAXIMUM
               MON LOC CODE: 1             06/30/91
               EFFLUENT GROSS VALUE
```

Figure 4-17. Limitation Summary Report

4.5 Limitation Summary with Measurement Violations Report

The "Limitation Summary with Measurement Violations Report" (Figure 4-18 on page 4-17) prints information on permit facility data, pipe schedules (outfalls) and their related parameter limits, measurement violations, and enforcement actions. To retrieve this report, the user must adhere to the following format on the 20 and "20 WITH" cards:

```
20 LV CURRENT=(xxx) or (mmddyy)
20 WITH MVDT GT (OR GE) mmddyy
20 WITH MVDT LT (OR LE) mmddyy
20 WITH ACRONYM OPERATOR VALUE
```

"mmddyy" represents a date in the month-day-year format with mm = month, dd = day, and yy = year. The first two "20 WITH" cards are required. Effluent family items may be optionally qualified on additional "20 WITH" cards as shown. "ACRONYM" is any acronym in the effluent family except permit facility data. "OPERATOR" is any logical operator, and "VALUE" is any value which corresponds to the appropriate acronym.

For example, suppose the user wishes to see all effluent measurement violation information for June 1985 on discharge designator "A." The 20 and "20 WITH cards" would be coded as follows:

```
20 LV CURRENT 063185
20 WITH MVDT GE 060185 (With Measurement Violation Date
                        after 6/01/85)
20 WITH MVDT LT 070185 (With Measurement Violation Date
                        before 7/01/85)
20 WITH DRID EQ A      (With Discharge Designator equal
                        to "A")
```

The default for the "Limitation Summary with Measurement Violations Report" prints all the qualifying limits. The "CURRENT = " option provides the opportunity to request the limits in effect as of a specified date. "CURRENT = YES" will print the limits in effect as of the current date. "CURRENT = mmddyy", where mmddyy represents a date in month-day-year format, will print the limits that were in effect as of a specified date.

```
DATE: 07/23/88                                   PCS LIMITATIONS SUMMARY REPORT                                      PAGE   1
                                                    MAINE MAJOR FACILITIES
                                              WITH CURRENT LIMITS AND 1988 VIOLATIONS
**************************************************************************************************************************
                                                  *** FACILITY DATA ***                               PERMIT NUMBER: ME0002216
                                                                                                               PAGE:   1
FACILITY NAME: A E STALEY MFG COMPANY           MAJOR/MINOR    : MAJOR      SIC CODE        : WET CORN MILLING
CITY          : HOULTON                          ACTIVITY STATUS: ACTIVE     TYPE OWNERSHIP  : PRIVATE
COUNTY        : AROOSTOOK                        PERMIT ISSUED  : 02/23/84   RIVER BASIN     : NE/ST. JOHNS R.
REGION        : 01   SUB-REGION: PI              PERMIT EXPIRES : 02/23/89   COGN. OFFICIAL  : PAUL DOOLEN/ TRACY BEECHER
                                                      *** OUTFALL DATA ***
OUT-           OUTFALL               ACTIVITY  REPORTS  REPORT  TOTAL  INITIAL  LIMITS    INTERIM  LIMITS     FINAL  LIMITS
FALL         DESCRIPTION              STATUS   START    FREQ    RPTS    START    END       START    END       START   END
---- ---------------------------- --------  --------  ------  -----  -------- --------  -------- --------  -------- --------

001A TREATED PROCESS WASTEWATER      ACTIVE    03/01/84  001 MO  060                                          02/23/84 02/23/89

OUTFALL TYPE:
SEASONAL INDICATOR:  YYYYYYYYYYYY
TREATMENT TYPES:

SLUDGE USE OPTION:                               LAND REUSE OPTION:
CROP CLASS:                                      CROP TYPE:
PIPE COMMENTS:
PIPE COMMENTS:

Note:  The sludge fields above will appear only if a sludge OUTFALL TYPE is present.
                                                  *** LIMITS DATA ***
OUT-  LIMIT        PARAMETER /        SEASONAL IND./ SAMPLE     ---------QUANTITY---------- -----------CONCENTRATION-----------
FALL  TYPE    MONITORING LOCATION    MOD. NB/DATES  TYPE/FREQ    UNITS   AVERAGE  MAXIMUM    UNITS   MINIMUM  AVERAGE  MAXIMUM
----  ------- --------------------  -------------- ----------  --------- -------- --------  -------- -------- -------- --------
001A  FINAL   00310                 0 YYYYYYYYYYYY COMPOS       LBS/DAY   126      189      NO UNITS   ******   ******   ******
              BOD, 5-DAY            0 (MOD NUMBER) 02/07        KG/DAY    57.1536  85.7304  NO UNITS  ******   ******   ******
                (20 DEG. C)         02/23/84 -      TWICE/                30DA AVG DAILY MX                    30DA AVG DAILY MX
              MON LOC CODE: 1             02/23/89  WEEK
              EFFLUENT GROSS VALUE
                                                 *** MEASUREMENT DATA ***
              * MEAS. MONITORING DATE:   01/31/88  COMPOS      LBS/DAY        11.1      16.2 NO UNITS                          *
              *                                     02/07                                                                       *
              * MEAS. MONITORING DATE:   02/29/88  COMPOS      LBS/DAY        18.6      33.3 NO UNITS                          *
              *                                     02/07                                                                       *
              * MEAS. MONITORING DATE:   03/31/88  COMPOS      LBS/DAY          21        57 NO UNITS                          *
              *                                     02/07                                                                       *
              * MEAS. MONITORING DATE:   04/30/88  COMPOS      LBS/DAY        26.5      53.6 NO UNITS                          *
              *                                     02/07                                                                       *
```

Figure 4-18. Limitation Summary with Measurements

4.6 DMR Administrative Report

The "DMR Administrative Report" provides summary information on measurement violations tallied by pipe and date (Figure 4-19 on page 4-18). The following format should be used in retrieving this report:

```
20 DA ERRORS=xxx
20 WITH SUDU (or SUDS or SUDB) GT (or GE) mmddyy
20 WITH SUDU (or SUDS or SUDB) LT (or LE) mmddyy
20 WITH ACRONYM OPERATOR VALUE
```

"mmddyy" represents a date in the month-day-year format where mm = month, dd = day, and yy = year. The first two "20 WITH" cards are required. SUDU, SUDS, SUDB are retrieval acronyms representing dates that DMRs are due to EPA, to the States, or to both respectively. Optional "20 WITH" cards may be included as shown above, where "ACRONYM" is any valid acronym of the pipe schedule data type. "OPERATOR" is any logical operator and "VALUE" is the appropriate value for the acronym. The "ERROR = YES" option can be used to request a DMR Error Report which gives information on why a DMR will not be produced. The default for the "ERROR = " option is "NO".

As an example, consider a "DMR Administrative Report" for those permitted facilities which had DMRs due from January 1, 1991 to July 23, 1991 at the EPA offices:

```
20 DA
20 WITH SUDU GE 010191 (With DMR Due at EPA after 01/01/91)
20 WITH SUDU LE 072391 (With DMR Due at EPA before 07/23/91)
```

1 DATE: 07/24/91 — PCS DMR ADMINISTRATIVE REPORT — EXAMPLE — REPORT PERIOD: 01/01/91 - 07/23/91 — PAGE 1

FACILITY IDENTIFICATION	OUT-FALL	OUTFALL TYPE	LIMIT TYPE	MONITORING END DATE	NUMBER OF PARAMETERS	DATE DUE AT EPA	DATE DUE AT STATE	** TOTAL VIOS ** NON-RPT	RPT LATE	EFF VIO	ADM DEF
PERMIT-NO: CT0020559 MINOR	0010	EFFLUENT	INITIAL	01/31/90	2	02/01/90	02/01/90	2	0	0	0
				02/28/90	2	03/01/90	03/01/90	2	0	0	0
				03/31/90	2	04/01/90	04/01/90	2	0	0	0
				04/30/90	2	05/01/90	05/01/90	2	0	0	0
				05/31/90	2	06/01/90	06/01/90	2	0	0	0
				06/30/90	2	07/01/90	07/01/90	2	0	0	0
				07/31/90	2	08/01/90	08/01/90	1	0	1	1
				08/31/90	2	09/01/90	09/01/90	1	0	1	1
				09/30/90	2	10/01/90	10/01/90	1	0	1	1
				10/31/90	2	11/01/90	11/01/90	1	0	1	1
				11/30/90	2	12/01/90	12/01/90	1	0	1	1
				12/31/90	2	01/01/91	01/01/91	1	0	1	1
			INTERIM	01/31/91	1	02/01/91	02/01/91	1	0	0	0
				02/28/91	1	03/01/91	03/01/91	1	0	0	0
				03/31/91	1	04/01/91	04/01/91	1	0	0	0
				04/30/91	1	05/01/91	05/01/91	1	0	0	0
				05/31/91	1	06/01/91	06/01/91	1	0	0	0
				06/30/91	1	07/01/91	07/01/91	1	0	0	0
	0020	SLUDGE	INITIAL	01/31/90	2	02/01/90	02/01/90	2	0	0	0
				02/28/90	2	03/01/90	03/01/90	2	0	0	0
				03/31/90	2	04/01/90	04/01/90	2	0	0	0
				04/30/90	2	05/01/90	05/01/90	2	0	0	0
				05/31/90	2	06/01/90	06/01/90	2	0	0	0
				06/30/90	2	07/01/90	07/01/90	2	0	0	0
				07/31/90	2	08/01/90	08/01/90	1	0	1	1

Figure 4-19. DMR Administrative Report

4.7 DMR Administrative Report By Parameter

The "DMR Administrative Report By Parameter" (Figure 4-20 on page 4-20) provides summary information on measurement violations. This report lists violation information by pipe, but unlike the "DA" report, it lists information by parameter within each pipe.

The following format should be used in retrieving this report:

```
20 DP ERRORS=xxx
20 WITH SUDU (or SUDS or SUDB) GT (or GE) mmddyy
20 WITH SUDU (or SUDS or SUDB) LT (or LE) mmddyy
20 WITH ACRONYM OPERATOR VALUE
```

"mmddyy" represents a date in month-day-year format where mm = month, dd = day, and yy = year. The first two "20 WITH" cards are required. The SUDU, SUDS, SUBD are retrieval acronyms which are dates that DMRs are due to EPA, to the State, or to both respectively. Optional "20 WITH" cards from the pipe schedule data type may be included.

"ACRONYM" is any valid acronym in this data type. "OPERATOR" is any valid logical operator, and "VALUE" is any value appropriate to the corresponding acronym. The "ERROR = YES" option may be specified to request information on why a DMR will not be produced and to show warnings for potential coding errors. The default for the "ERROR = " option is NO.

A "DMR Administrative Report by Parameter" for those permitted facilities which had DMRs due between January 1, 1985 and June 30, 1985 at EPA offices only would be formatted as follows:

```
20 DP
20 WITH SUDU GT 123184 (With DMR Due at EPA after 12/31/84)
20 WITH SUDU LT 070185 (With DMR Due at EPA before 7/01/85)
```

DATE: 07/23/88 PCS DMR ADMINISTRATIVE REPORT BY PARAMETER MISSISSIPPI MAJOR FACILITIES WITH DMRS DUE DURING JANUARY 1988 BY PARAMETER REPORT PERIOD: 01/01/88 - 01/31/88 PAGE 1

FACILITY IDENTIFICATION	OUT-FALL	LIMIT TYPE	MONITORING END DATE	MONITORING LOCATION/ PARAMETERS	DATE DUE AT EPA	DATE DUE AT STATE	VIOLATION EVENT
PERMIT-NO: MS0000191 MAJOR INTERNATIONAL PAPER COMPANY P. O. BOX 950 VICKSBURG MS 39180	001A	FINAL	12/31/87	EFFLUENT GROSS VALUE BOD, 5-DAY (20 DEG. C)	00/00/00	01/28/88	DMR OVERDUE (STATE)
				EFFLUENT GROSS VALUE PH	00/00/00	01/28/88	DMR OVERDUE (STATE)
				EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED	00/00/00	01/28/88	DMR OVERDUE (STATE)
				EFFLUENT GROSS VALUE FLOW, IN CONDUIT OR THRU TREATMENT PLANT	00/00/00	01/28/88	DMR OVERDUE (STATE)
	002N	FINAL	12/30/87	EFFLUENT GROSS VALUE TEMPERATURE, WATER DEG. FAHRENHEIT	00/00/00	01/28/88	
				EFFLUENT GROSS VALUE FLOW, IN CONDUIT OR THRU TREATMENT PLANT	00/00/00	01/28/88	
PERMIT-NO: MS0000574 MAJOR MS CHEM CORP PO BOX 388 YAZOO MS 39194	001N	FINAL	12/31/87	EFFLUENT GROSS VALUE TEMPERATURE, WATER DEG. FAHRENHEIT	00/00/00	01/31/88	
				EFFLUENT GROSS VALUE OXYGEN, DISSOLVED (DO)	00/00/00	01/31/88	MONITOR ONLY, QUANTI
				EFFLUENT GROSS VALUE BOD, 5-DAY (20 DEG. C)	00/00/00	01/31/88	
				EFFLUENT GROSS VALUE PH	00/00/00	01/31/88	
				EFFLUENT GROSS VALUE NITROGEN, AMMONIA TOTAL (AS N)	00/00/00	01/31/88	

Figure 4-20. DMR Administrative Report by Parameter

4.8 DMR Summary Report

The "DMR Summary Report" (Figure 4-21 on page 4-21) provides totaling information on reported measurements tallied by municipals and non-municipals within each State and/or Region. The following format should be used in retrieving this report:

```
20 DS ERRORS=YES
20 WITH SUDU (or SUDS or SUDB) GT (or GE) mmddyy
20 WITH SUDU (or SUDS or SUDB) GT (or GE) mmddyy
20 WITH ACRONYM OPERATOR VALUE
```

where SUDU, SUDS, and SUDB are retrieval acronyms representing dates when DMRs are due to EPA, to the State, or to both, respectively. "mmddyy" represents a date in the month-day-year format where mm = month, dd = day, and yy = year. The first two "20 WITH" cards are required to specify the desired date range when DMRs are due. Optional "20 WITH" cards may be included as shown above where

"ACRONYM" is any valid acronym of the pipe schedule data type, "OPERATOR" is any logical operator, and "VALUE" is the desired value for the acronym.

A "DMR Summary Report" for permitted facilities which had DMRs due between November 1, 1986, and January 31, 1987, at State offices would be formatted as follows:

```
20 DS
20 WITH SUDS GE 110186
20 WITH SUDS LE 013187
```

DATE: 07/23/88 PCS DMR SUMMARY REPORT PAGE 2
MISSISSIPPI MAJOR FACILITIES
SUMMARY OF DMRS DUE DURING JANUARY 1988
REPORT PERIOD: 01/01/88 - 01/31/88

	PARAMETERS RECEIVED	PARAMETERS EXPECTED	PERCENT OF PARAMETERS RECEIVED	DMR FORMS RECEIVED	DMR FORMS EXPECTED	PERCENT OF DMR FORMS RECEIVED
REGION 04						
MUNICIPAL	73	382	19.10	12	41	29.20
NONMUNICIPAL	218	440	49.50	41	82	50.00
TOTAL						
MUNICIPAL	73	382	19.10	12	41	29.20
NONMUNICIPAL	218	440	49.50	41	82	50.00

Figure 4-21. DMR Summary Report

4.9 DMR Non-Receipt Report

The "DMR Non-Receipt Report" provides the instance of non-reporting, monitoring period end date, outfall, and limit type for each facility selected during a specified time period. The following format should be used when retrieving this report:

```
10 NPID EQ xxxxxxxxx
20 DF LEVEL=xxxx ERRORS=YES DETAIL=PIPE
20 WITH SUDB GE MMDDYY
20 WITH SUDB LE MMDDYY
```

On the 10 card, the following selection criteria may be used:

```
NPID EQ (VALID NPID ENTERED)
STTE EQ (VALID STATE ENTERED)
REGN EQ (VALID REGION ENTERED)
```

Note: Any other facility selection may be used.

On the 20 card DF identifies this as a "DMR Non-Receipt Report". The characters that follow the "LEVEL=" expression correspond to the level of detail to be printed. Four valid selection criteria exist:

```
20 DF LEVEL=FACI
20 DF LEVEL=PIPE
20 DF LEVEL=PRAM
20 DF
"20 DF" will default to "20 DF LEVEL=PIPE"
```

LEVEL = FACI will display information where the entire DMR is missing.
LEVEL = PIPE will display the same information as LEVEL = FACI where all pipes are missing, and in addition, partial DMRs where entire pipes are missing.
LEVEL = PRAM will display the same information as LEVEL = PIPE where the DMR or entire pipes are missing, and in addition, parameters that are missing from other pipes on the DMR.

The ERRORS = YES option can be selected to request information on why a DMR can't be evaluated. An example might be a pipe that has been inactivated or a pipe schedule that has expired.

The DETAIL = PIPE option can be used to display the pipes where the entire DMR is missing. Using this option the report will show both the outfall and the monitoring period end date. This option can be used with all 'LEVEL = ' options.

Two "20 WITH" cards are allowed where SUDB (DMR Non-Receipt Submission Date) is expressed as MMDDYY where MM = month, DD = day, and YY = year.

A 30 card is also allowed to sort information at the facility level only. For example, one could sort by Major Discharge Indicator and Facility Name:

```
30 MADI FNMS
```

A DMR Non-Receipt Report where the user is interested in the pipe level of a certain facility for the year ending December 31, 1987 would look like:

```
10 NPID EQ VA0000113
20 DF LEVEL=PIPE
20 WITH SUDB GE 010187
20 WITH SUDB LE 123187
```

An example of the DMR Non-Receipt Report is shown in Figure 4-22 on page 4-23.

DATE: 12/04/90 PCS DMR NON-RECEIPT REPORT PAGE 1
FACILITY LEVEL
SAMPLE DF BETA TEST FOR LEVEL=FACI WITH DETAIL=PIPE
SUBMISSION PERIOD: 06/01/90 - 09/30/90

FACILITY IDENTIFICATION	MONITORING END DATE	INSTANCE OF NONCOMPLIANCE	OUTFALL
PERMIT NO: OH0023981 MAJOR AVON LAKE, CITY OF MUNICIPAL UTILITIES DEPT 33370 LAKE ROAD AVON LAKE OH 44012	06/30/90	DMR OVERDUE - STATE	001A
		DMR OVERDUE - STATE	601A
PERMIT NO: OH0024465 MAJOR CIRCLEVILLE, CITY OF DEPT. OF PUBLIC UTILITES P.O. BOX 209 CIRCLEVILLE OH 43113	08/31/89	DMR OVERDUE - STATE	581D
	01/31/90	DMR OVERDUE - STATE	581D
	02/28/90	DMR OVERDUE - STATE	581D
	03/31/90	DMR OVERDUE - STATE	581D
	04/30/90	DMR OVERDUE - STATE	581D
PERMIT NO: OH0025445 MAJOR HAMILTON, CITY OF DEPT OF PUBLIC UTILITIES 20 HIGH STREET HAMILTON OH 45011	04/30/90	DMR OVERDUE - STATE	602B
PERMIT NO: OH0025488 MAJOR HAMILTON COUNTY - SYCAMORE MET.SEW.DISTR.OF GR.CINTI 1600 GEST STREET CINCINNATI OH 45204	04/30/90	DMR OVERDUE - STATE	581B
PERMIT NO: OH0037249 MAJOR MAHONING COUNTY - BOARDMAN MAHONING CO SANIT ENGR 761 INDUSTRIAL ROAD YOUNGSTOWN OH 44509	06/30/90	DMR OVERDUE - STATE	801A
		DMR OVERDUE - STATE	901A
	08/31/90	DMR OVERDUE - STATE	801A
		DMR OVERDUE - STATE	901A

Figure 4-22. DMR Non-Receipt Report

4.10 Quarterly Noncompliance Reports

The "Quarterly Noncompliance Report" (QNCR) lists all active facilities that are major dischargers within a State or Region for which instances of Reportable Noncompliance (RNC) have been recorded within the current reporting period. The report contains the name, location, and NPDES number of each of the permitted facilities, the instances of RNC, and the enforcement actions that have been taken in response to the instances of RNC. Figure 4-23 on page 4-24 illustrates the QNCR.

```
 DATE: 07/23/88  REGION 06                     QUARTERLY NON-COMPLIANCE REPORT  ** QNCR **                      PAGE    1
 MUNICIPALS                                                  ARKANSAS                              FROM: 01/01/88 TO: 03/31/88
****************************************************************************************************************************
NAME
LOCATION
NPDES NUMBER  GRANT    LIMIT              VIOLATION                             ENFORCEMENT      STATUS
INSTANCE OF NONCOMPLIANCE             RNC   DATE     ENFORCEMENT ACTION             DATE  STATUS  DATE        COMMENTS
****************************************************************************************************************************
ARKADELPHIA, CITY OF             NON-COMPLIANT
ARKADELPHIA
AR0020605          ***FINAL***

MCP SCHEDULE AO-EO                                DOCKET NUMBER: 87-1257
OXYGEN, DISSOLVED          (D   001N RPT 04/30/88                                          NC 06/14/88 3E INCOMPLETE/DEFICIENT REPORT
MCP SCHEDULE AO-EO                                DOCKET NUMBER: 87-1257
BOD, 5-DAY               (20 DE  001N RPT 04/30/88                                          NC 06/14/88 3E INCOMPLETE/DEFICIENT REPORT
PH                               001N RPT 04/30/88                                          NC 06/14/88 3E INCOMPLETE/DEFICIENT REPORT
MCP SCHEDULE AO-EO                                DOCKET NUMBER: 87-1257
SOLIDS, TOTAL        SUSPENDED   001N RPT 04/30/88                                          NC 06/14/88 3E INCOMPLETE/DEFICIENT REPORT
FLOW, IN CONDUIT OR THRU TREAT   001N RPT 04/30/88                                          NC 06/14/88 3E INCOMPLETE/DEFICIENT REPORT
3RD REPORT OF PROGRESS           MC    RPT 04/01/88                                          NC 05/01/88 3D REPORT OVERDUE
1ST REPORT OF PROGRESS           MC    RPT 10/01/87                                          RP 11/27/87 3D REPORT OVERDUE

                                       * * * * * * * * * * SUMMARY SECTION * * * * * * * * * *

BEGIN CONSTRUCTION               MC    SCH 10/01/86                                          RP 03/25/87 2B COMPL SCHEDULE VIOLATION

BERRYVILLE, CITY OF              NON-COMPLIANT
BERRYVILLE
AR0021792

ALL EFFLUENT                                      OTHER                (EPA) 06/07/88              PENALTIES PAID
ALL EFFLUENT                                      ADM ACTION PENDING   (EPA) 05/17/88
ALL EFFLUENT                                      OTHER                (EPA) 05/10/88              PENALTIES REQUESTED
CONSENT DECREE                                    DOCKET NUMBER: 87-3010
BOD, 5-DAY               (20 DE  001N RPT 03/31/88                                          NC 05/15/88 3E INCOMPLETE/DEFICIENT REPORT
CONSENT DECREE                                    DOCKET NUMBER: 87-3010
BOD, 5-DAY               (20 DE  001N ENF 03/31/88                                          NC 03/31/88 2A ENF ORDER EFF &/OR NARR VIO
CONSENT DECREE                                    DOCKET NUMBER: 87-3010
SOLIDS, TOTAL        SUSPENDED   001N ENF 03/31/88                                          NC 03/31/88 2A ENF ORDER EFF &/OR NARR VIO
MCP SCHEDULE AO-EO                                DOCKET NUMBER: 87-3015
FLOW, IN CONDUIT OR THRU TREAT   001N RPT 03/31/88                                          NC 05/15/88 3E INCOMPLETE/DEFICIENT REPORT
ALL EFFLUENT                                      ADMINISTRATIVE ORDER  (EPA) 02/23/88
                                                  DOCKET NUMBER: 88-086
1ST REPORT OF PROGRESS           GA    RPT 01/10/88                                          RP 01/15/88 3D REPORT OVERDUE
CONSENT DECREE                                    DOCKET NUMBER: 87-3010
OXYGEN, DISSOLVED          (D   001N RPT 12/31/87                                          NC 02/14/88 3E INCOMPLETE/DEFICIENT REPORT
CONSENT DECREE                                    DOCKET NUMBER: 87-3010
BOD, 5-DAY               (20 DE  001N RPT 12/31/87                                          NC 02/14/88 3E INCOMPLETE/DEFICIENT REPORT
```

Figure 4-23. Quarterly Noncompliance Report

The information printed on the QNCR is selected according to criteria specified in Section 123.45 of the Code of Federal Regulations (CFR), Title 40. The revision to these regulations was finalized on August 26, 1985. The following are the internal steps which the PCS Generalized Retrieval subsystem takes to produce the QNCR report:

1. Selects the permit facility data for active, major dischargers within a specified State or Region, if the QNCR Status Code Current Year - Automatic (CYQS) or the QNCR Status Code Current Year - Manual (CYMS) for the designated quarter is not equal to spaces. The manual code (CYMS) when present, takes precedence over the automatic code (CYQS).

2. **Effluent Measurement and DMR Non-Receipt Violations**

   a. If effluent measurement and DMR non-receipt violations are requested on the 20-card of the generalized retrieval (i.e., violation type (VTYP) = 'E'), the report selects effluent violations based upon the value of the QNCR measurement violation resolution code (SRCE) as indicated below:

RESOLUTION TYPE	DATA ELEMENT	RESOL-UTION CODE	DATE
NC-NON COMPLIANT (UNRESOLVED)	SRCE	1,A, OR W	QNCR Measure-ment Violation Detection Date (SNDE) less than or equal to the end of the QNCR Reporting Period
RE-RESOLVED	SRCE	2,5,6,9 OR B	QNCR Measure-ment Violation Resolution Date (SRDE) within QNCR Reporting Period
RP-RESOLVED PENDING	SRCE	3,4,7 OR 8	No Date Check

Table 4-1. Effluent violations selected for the QNCR with VTYP = E

b. Selects any enforcement actions where the enforcement action date (ENDT) is associated with an enforcement action violation type (EVTP) equal to:

1) E1, N1, N2, or N3, which apply to all effluent and DMR non-receipt violations at the permit facility level, or

2) E2, N4, N5 or N6, which apply to all effluent and DMR non- receipt violations for a specific monitoring period, or

3) E3, N7, N8 OR N9, which apply to a specific effluent or DMR non-receipt violation.

c. **Compliance Schedule and Reporting Violations**

1) If compliance schedule or reporting violations are requested on the 20-card of the generalized retrieval (i.e., Violation Type (VTYP) = 'C'), the report selects compliance schedule violations based upon the value of the QNCR compliance schedule violation resolution code (SRCC) as indicated below:

RESOLUTION TYPE	DATA ELEMENT	RESOL-UTION CODE	DATE
NC-NON COMPLIANT (UNRESOLVED)	SRCC	1,A, OR W	QNCR Compli-ance Schedule Vio-lation Detection Date (SNDC) less than or equal to the end of the QNCR Reporting Period
RE-RESOLVED	SRCC	2,5,6,9 OR B	QNCR Compli-ance Schedule Vio-lation Resolution Date (SRDC) within the QNCR Reporting Period
RP-RESOLVED PENDING	SRCC	3,4,7 OR 8	No Date Check

Table 4-2. Compliance Schedule violations selected for the QNCR with VTYP = C

2) Selects any enforcement actions where the enforcement action date (ENDT) is associated with an enforcement action violation type (EVTP) equal to:

a) C1, which applies to all compliance schedule violations for a permit, or

b) C2, which applies to a specific compliance schedule violation

i. A Compliance Schedule Docket Number (CSFN) should be entered for every extended compliance schedule. The CSFN must match the Enforcement Action File Number (ERFN) of the formal enforcement action where the extended compliance schedule originated. The CSFN will appear with the extended compliance schedule in the current portion of the QNCR when the extended compliance schedule is reported in the current portion. The CSFN will appear with the extended compliance schedule in the summary portion of the QNCR when the extended compliance schedule is reported in the summary portion.

c) **Single Event Violations**

i. If single event violations are requested (i.e., Violation Type (VTYP) = 'S'), the report selects single event violations based upon the value of the QNCR single event violation RNC Resolution Code (SRCS) as indicated below:

RESOLUTION TYPE	DATA ELEMENT	RESOL-UTION CODE	DATE
NC-NON COMPLIANT (UNRESOLVED)	SRCS	A	QNCR Single Event Violation RNC Detection Date (SNDS) less than or equal to the end of the QNCR Reporting Period
RE-RESOLVED	SRCS	6,9 OR B	QNCR Single Event Violation RNC Resolution Date (SRDS) within the QNCR Reporting Period
RP-RESOLVED PENDING	SRCS	7 OR 8	No Date Check

Table 4-3. Single Event violations selected for the QNCR with VTYP=S

ii. Selects any enforcement actions where the enforcement action date (ENDT) is associated with an enforcement action violation type (EVTP) equal to:

i) S1, which applies to all single event violations for a permit, or

ii) S2, which applies to a specific single event violation.

The selected information for the QNCR is sorted by the PCS Generalized Retrieval subsystem in the following ascending order (except as noted) for all single event and compliance schedule violations and for effluent and DMR non-receipt violations when the effluent and DMR non-receipt violations are within the six month timeframe:

- State
- Facility Status (separates noncompliance and resolved facilities from resolved pending facilities)
- Facililty Type, where the municipals are first, the industrials are second, and the federal facilities are third
- Facility Name
- NPDES Number
- Violation Date in Descending Order (which is the monitoring period end date (MVDT) for effluent measurement and DMR non-receipt violations, the violation date (CVDT) for compliance schedule and reporting violations, and the violation date (SVDT) for single event violations)

  Within a specific violation date, single event violations print first, the compliance schedule and reporting violations are second, effluent measurement violations are third, and DMR non-receipt violations are fourth.
- Parameter, Compliance Schedule Event Code, or Single Event Violation Code
- Compliance Schedule Number or Discharge Number
- Monitoring Location

Effluent measurement and DMR non-receipt violations prior to the six month timeframe are sorted in the following ascending order:

- State

- Facility Status (separates noncompliance and resolved facilities from resolved pending facilities)
- Facility Type, where the municipals are first, the industrials are second, and the federal facilities are third
- Facility Name
- NPDES Number
- Parameter
- Discharge Number
- Violation Status

  N = Noncompliance at the permit level

  P = Resolved Pending

  R = Resolved
- Monitoring Period End Date

A separate QNCR is developed for each state based on the QNCR Status Code Code Current Year - Automatic (CYQS) or the QNCR Status Code Current Year - Manual (CYMS), which takes precedence over the CYQS, if present. The two sections are:

a) Facilities with Resolved Status, RNC only, compliance schedules in SNC, compliance schedule reports in SNC, effluents in SNC and DMR non-receipts at the permit level

b) Facilities with resolved pending status

Within each of these sections the report is further divided into subsections by municipal, industrial and federal facilities. Within each facility, the instances of noncompliance and enforcement actions are shown in detail in reverse chronological order within the six month period. Outside of the six month period, all enforcement actions and violations are separated into two groups on the QNCR. The effluent measurements and DMR non-receipt violations are summarized by parameter, discharge number (outfall), and violation status (i.e., noncompliance, resolved pending and resolved) for the quarter and are printed as follows:

Value	QNCR
N	Noncompliant
P	Resolved Pending
R	Resolved

Within the six month timeframe for each specific violation, the report contains:

a) A description of the instances of noncompliance based on:

   i. the Violation Code - Measurement (MVIO) for DMR non-receipt violations at the permit and pipe level,

   ii. the Measurement Violation Parameter Code (VPRM) for measurement violations and DMR non-receipt violations at the parameter level,

   iii. the Compliance Schedule Violation Event Code (CVEV) for compliance schedule or compliance schedule reporting violations, or

   iv. the Single Event Violation Code (SVCD) for the single event violation

b) Measurement Violation Discharge and Designator Number (VDSG) except for DMR non-receipt violations at the permit level

c) Violation Compliance Schedule Number (VCSN)

d) the description of the RNC detection codes, as follows:

Reportable Noncompl. Code-Effluent, Schedule or Single Event Code (SNCE/SNCC/SNCS)	Description
A	ENF
C, Z,	CHR
N	RPT
S	SCH
T, Y	TRC
B, P, E, F,	EFF
D, G, I, J, Q, W	DIS

e) Violation dates from the Measurement/Violation Monitoring Period End Date (MVDT), the Compliance Schedule Violation Date (CVDT), or Single Event Violation Date (SVDT).

Within the six month period for each specific violation with no matching enforcement action, the Status, and Status Date, on the QNCR will be generated based on the RNC Resolution Code. If the RNC resolution code (SRCC, SRCE or SRCS) is an unresolved code the text "NC" will print in the Status field. The Status Date will equal the RNC detection date (SNDE, SNDC or SNDS).

If the RNC resolution code (SRCC, SRCE or SRCS) is resolved pending the text "RP" will print in the Status field and the Status Date will equal the RNC resolved date (SRDC, SRDE, or SRDS). If the RNC resolution code (SRCC, SRCE or SRCS) is resolved the text "RE" will print in the Status field, and the Status Date will equal the RNC resolution date (SRDC, SRDE or SRDS).

Note: Violations for effluents, DMR non-receipts, compliance schedules, compliance schedule reports and single events will appear on the QNCR only if the violation occurred within the current QNCR quarter. Violations and resolutions that occur outside of the current QNCR quarter will not appear until the QNCR for that time period is generated.

Within the six month period for each specific violation with a matching enforcement action, the information printed in the Status, Status Date, and Comments fields will be generated by the PCS Generalized Retrieval subsystem based on the RNC Resolution Code (SRCC, SRCE or SRCS) as described for specific violations with no matching enforcement actions. In addition, any comments contained in the Enforcement Action file will be printed in the Comments field following the report generated comment. The description in the Enforcement Action field will be derived from the Enforcement Action Codes (ENAC) and the Enforcement Action Type Order Issued (EATP). These descriptions can be found in the *PCS Codes and Descriptions* manual. If the Enforcement Action Code is equal to 27 - 33, the description "UNDER ENFORCEMENT REVIEW" will be printed.

Outside of the six month time frame for the effluent measurement and DMR non-receipt violations, the report contains:

a) the descriptions of Instances of Noncompliance based on the Violation Code - Measurement (MVIO) for DMR non-receipts at the permit and pipe level or the Measurement Violation Parameter Code (VPRAM) for measurement violations and DMR non-receipt violations at the parameter level;

b) Measurement Violation Discharge and Designator Number (VDSG) except for DMR non-receipt violations at the permit level

c) Spaces for the description of RNC

d) Violation dates from and to covering the period of violation

e) Status based on the RNC code (SRCE)

f) "CONTINUING NONCOMPLIANCE" in the Comments field where SRCE = 1 or A

For each specific violation on the report with or without an enforcement action, the Comments field will show the Category I or Category II classification as given in the QNCR regulations for each violation as in Table 4-4 on page 4-30:

RNC Code SNCC/ SNCE/ SNCS	CATEGORY	COMMENTS ON QNCR
A	I(A)	2A ENF ORDER EFF/NARRATIVE
B	II(A) (4)	3A4 PASS-THROUGH POLLUTANTS
C, T, V, X, Y,	I(C)	2C PERMIT EFF VIOLATIONS
E	II(F)	3F PERMIT NARRATIVE VIOLATION
F	II(G)	3G PERMIT VIOLATION OF CONCERN
G	II(A)(1)	3A1 CAT II
I	II(A)(2)	3A2 UNAUTHORIZED BYPASS
J	II(A)(3)	3A3 UNPERMITTED DISCHARGE
N	I(D) DMR non-receipt for the permit or Comp. Sch. Rpt. where EVNT= 61099, 61199, 61299, 61399, 61499, 61599	2D CAT I REPORTING VIOLATION
	II(E) DMRs (Non-receipt for a pipe paramenter)	3E INCOMPLETE/DEFICIENT REPORT
	II(D) Comp. Sch. Rpt. where EVNT = remaining reporting violations not shown in I(D)	3D CAT II REPORT OVERDUE
W	II(E)	3E INCOMPLETE / DEFICIENT REPORT
Q	II(B)	3B PERMIT PRETREAT VIOLATION
S	I(B) Comp. Sch. where EVNT = 03499, 04599, 05599, 05699, 53199, 62099	
	II(C) Comp. Sch where EVNT = remaining violations now shown in I(B)	3C CAT II COMPL SCHED VIOLATION

Table 4-4. QNCR Regulations

For each specific effluent or compliance schedule violation on the report which relates to a set of interim limits or extended compliance schedule established by a formal enforcement action, text will appear in the Instance of Noncompliance field directly above the parameter or the compli-